



When things get  
smaller, they can act  
in surprising ways.

**Nano is all around  
us—in nature and  
technology.**

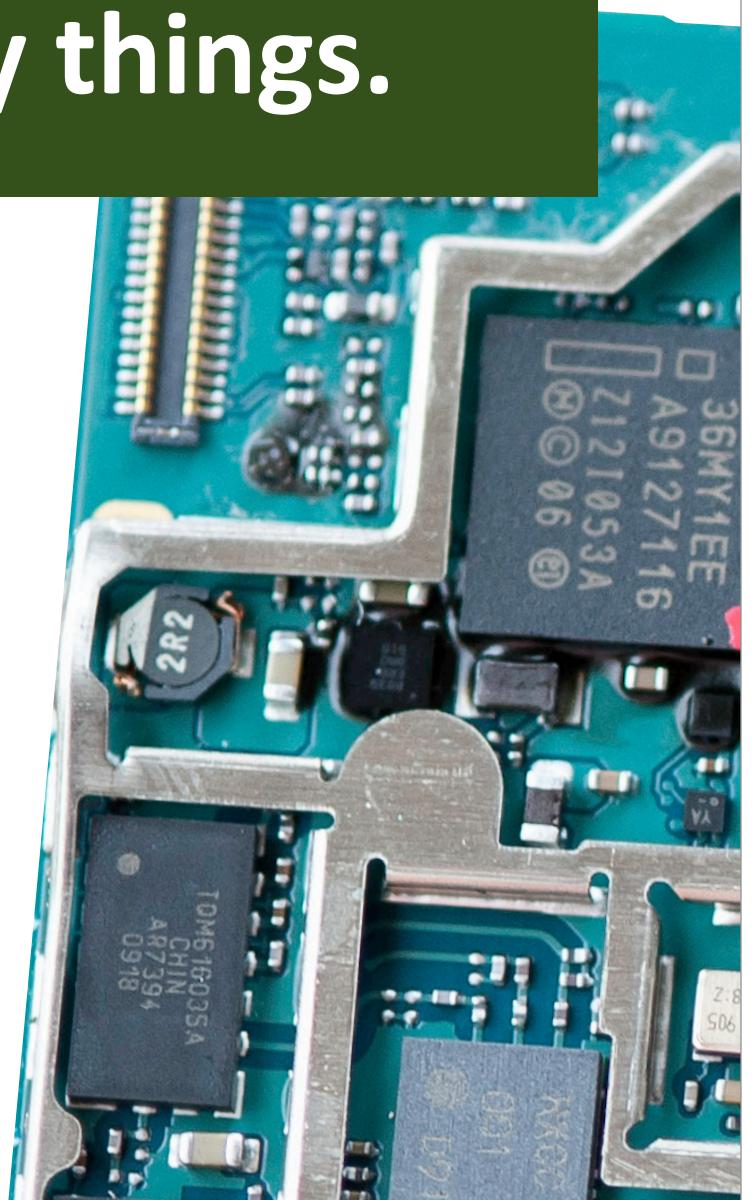


**Nano is all around  
us—in nature and  
technology.**

**Nano is studying and  
making tiny things.**

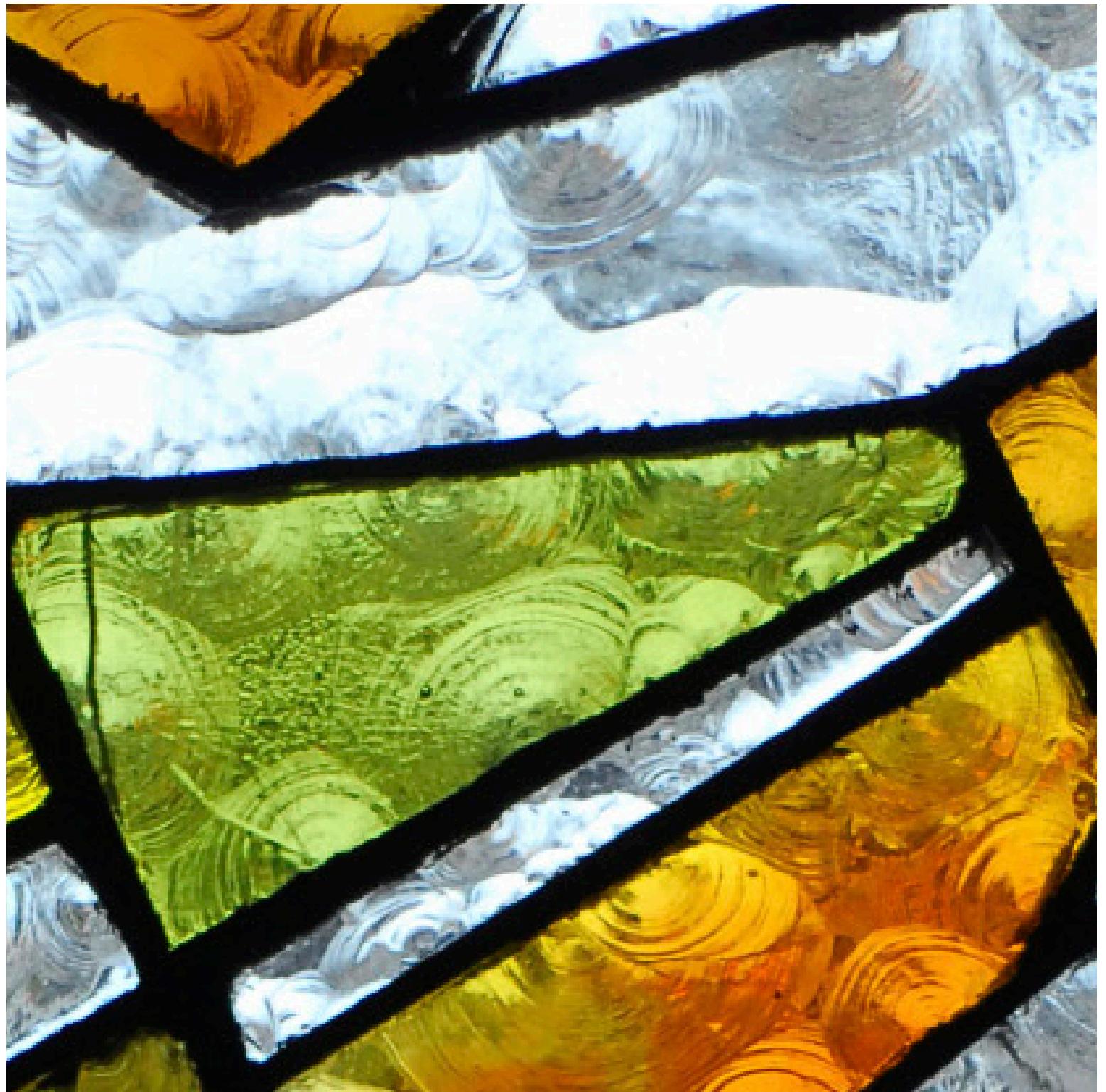


Nano is studying and  
making tiny things.



**Nanotechnology  
may transform the  
way we live.**

**CUBE 2**  
side A



**CUBE 2**

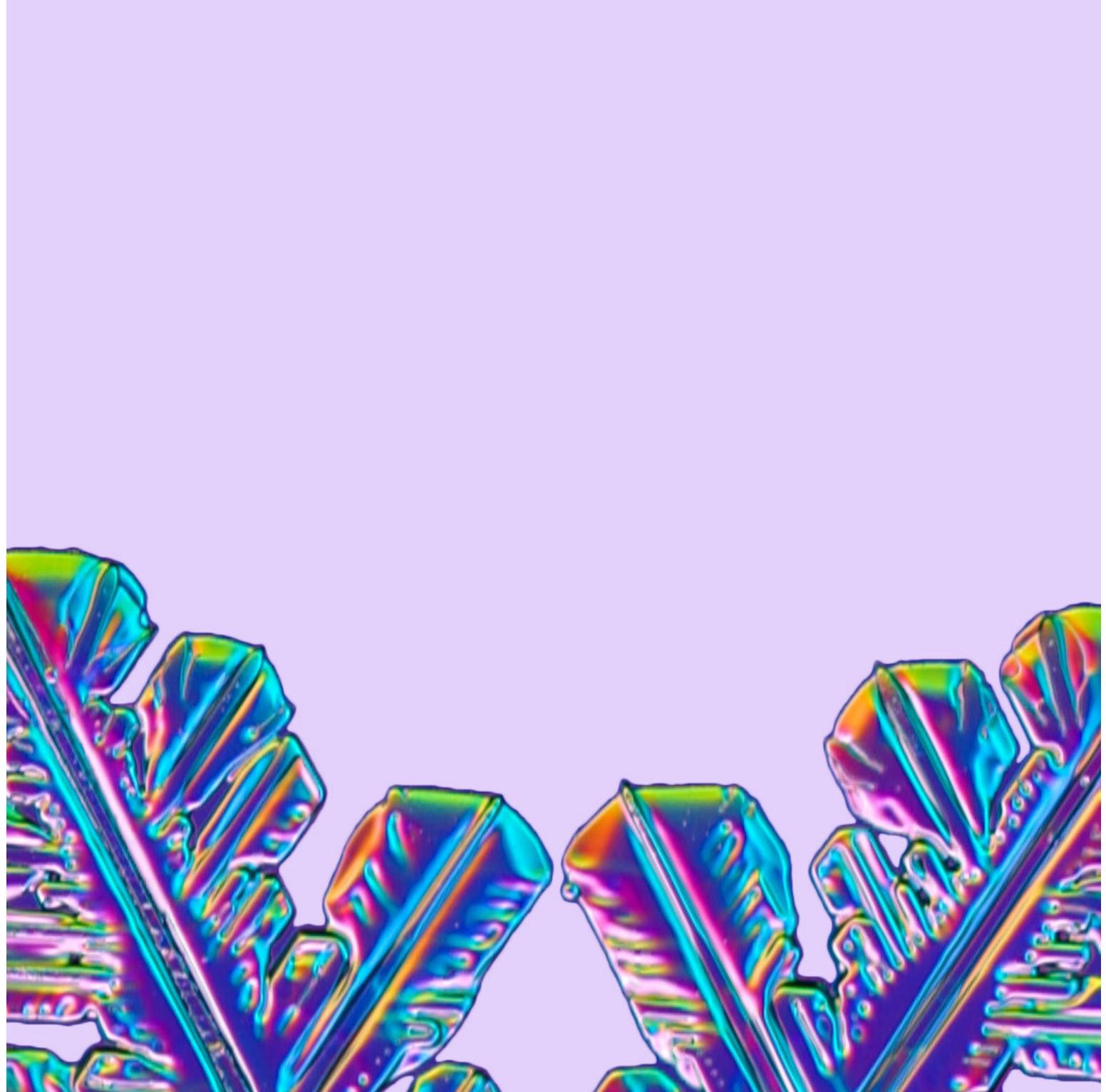
side B



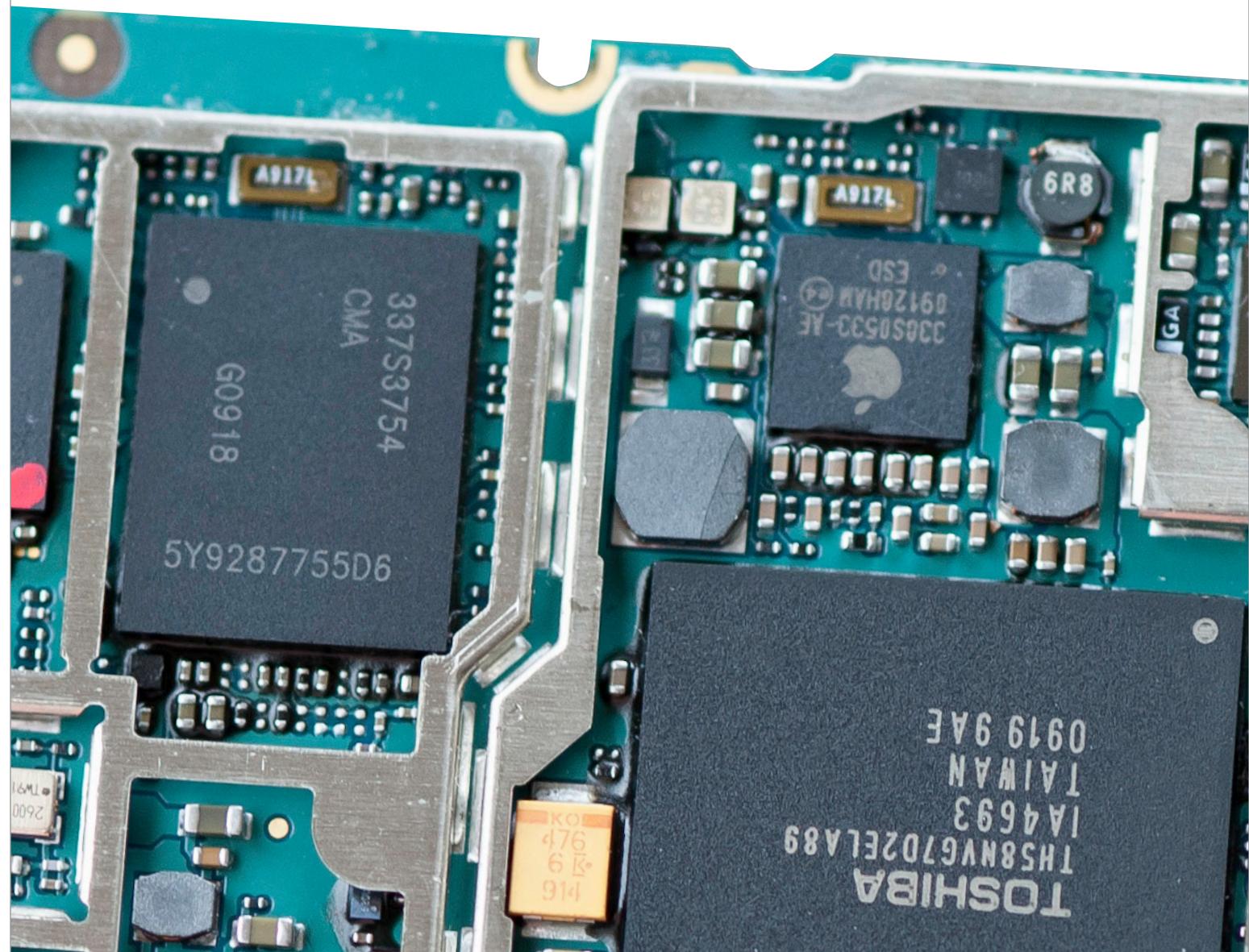
**CUBE 2**  
side C



**CUBE 2**  
side D



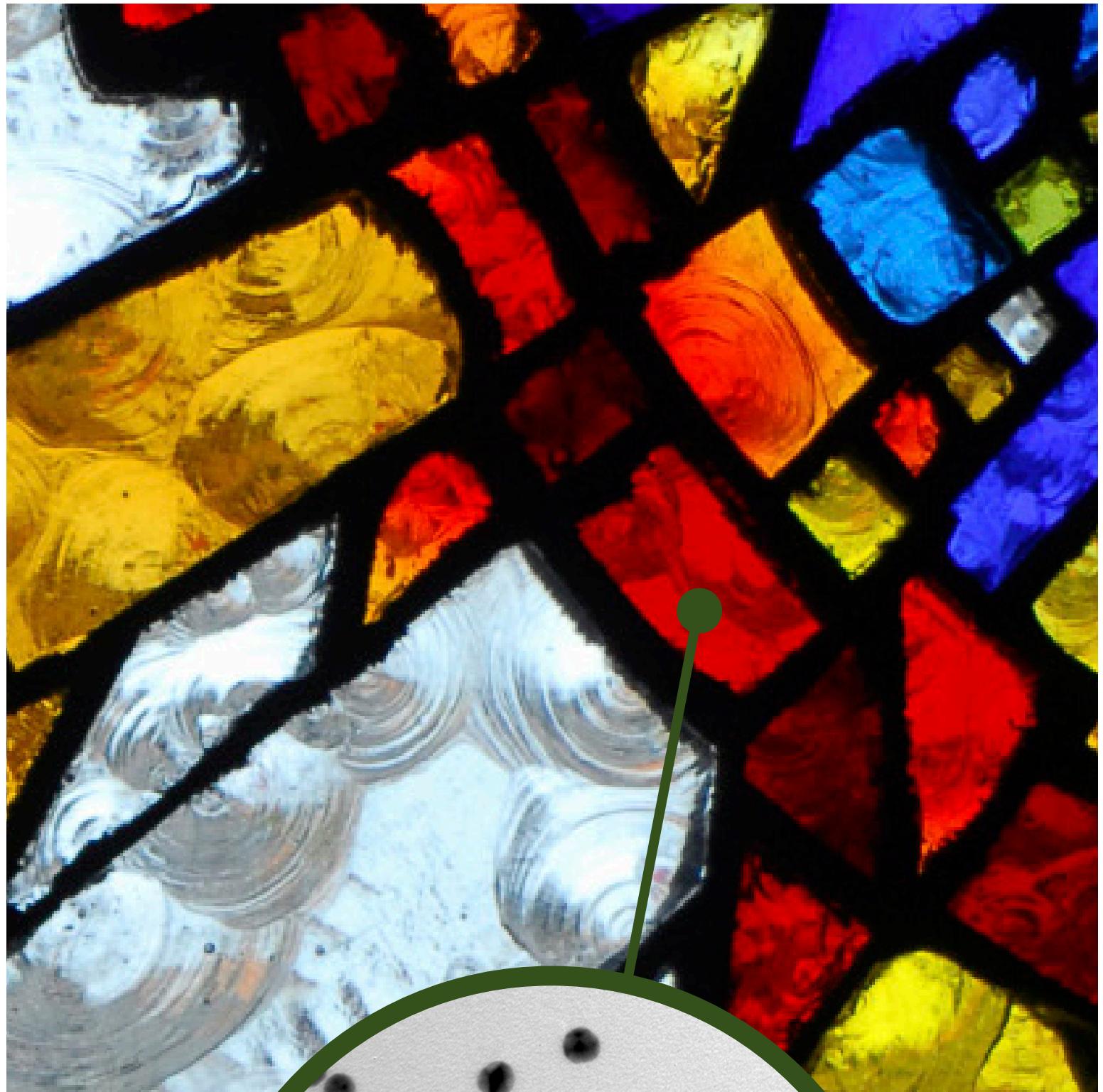
**CUBE 2**  
side E



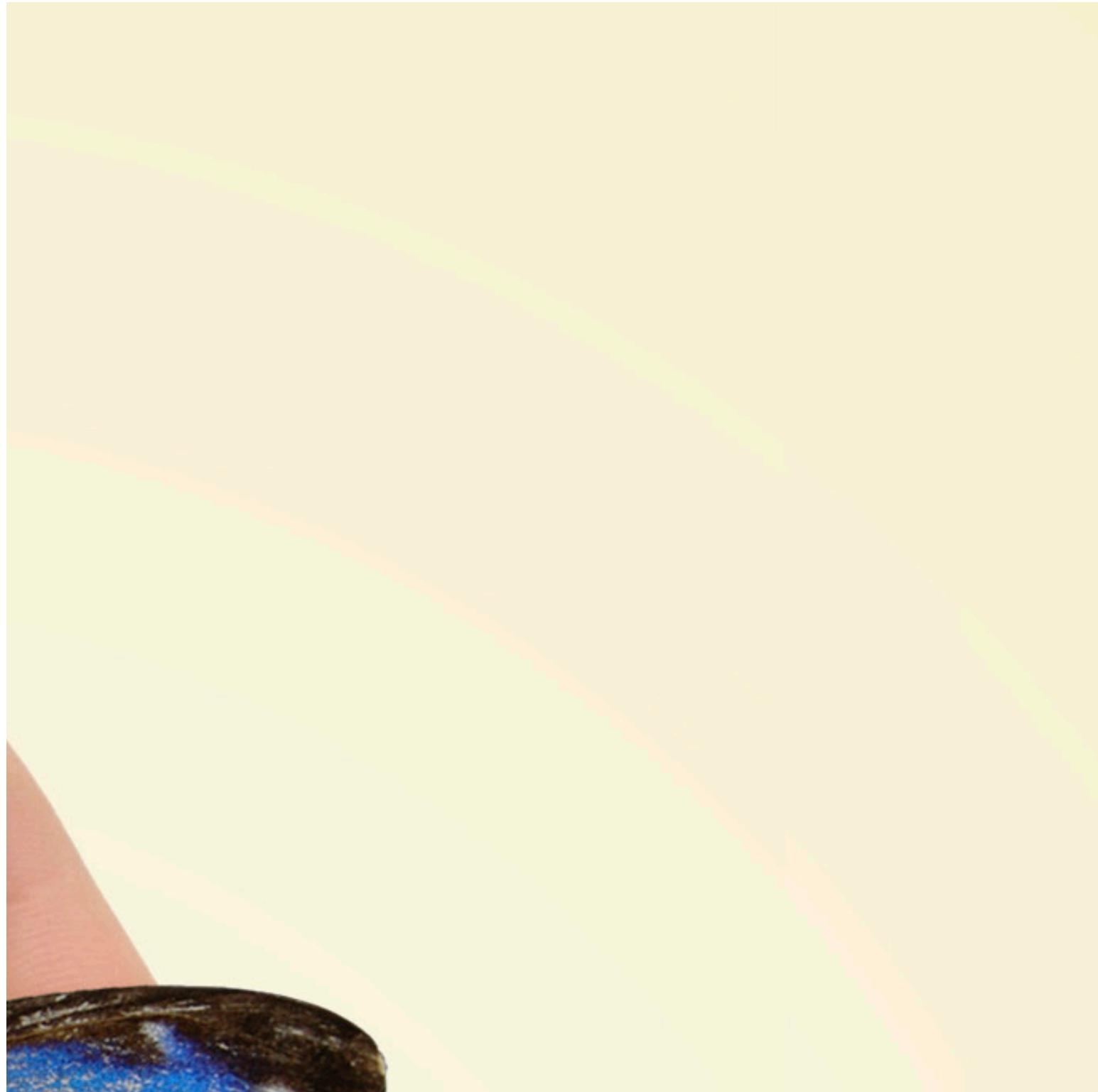
**CUBE 2**  
side F



**CUBE 3**  
side A



**CUBE 3**  
side B



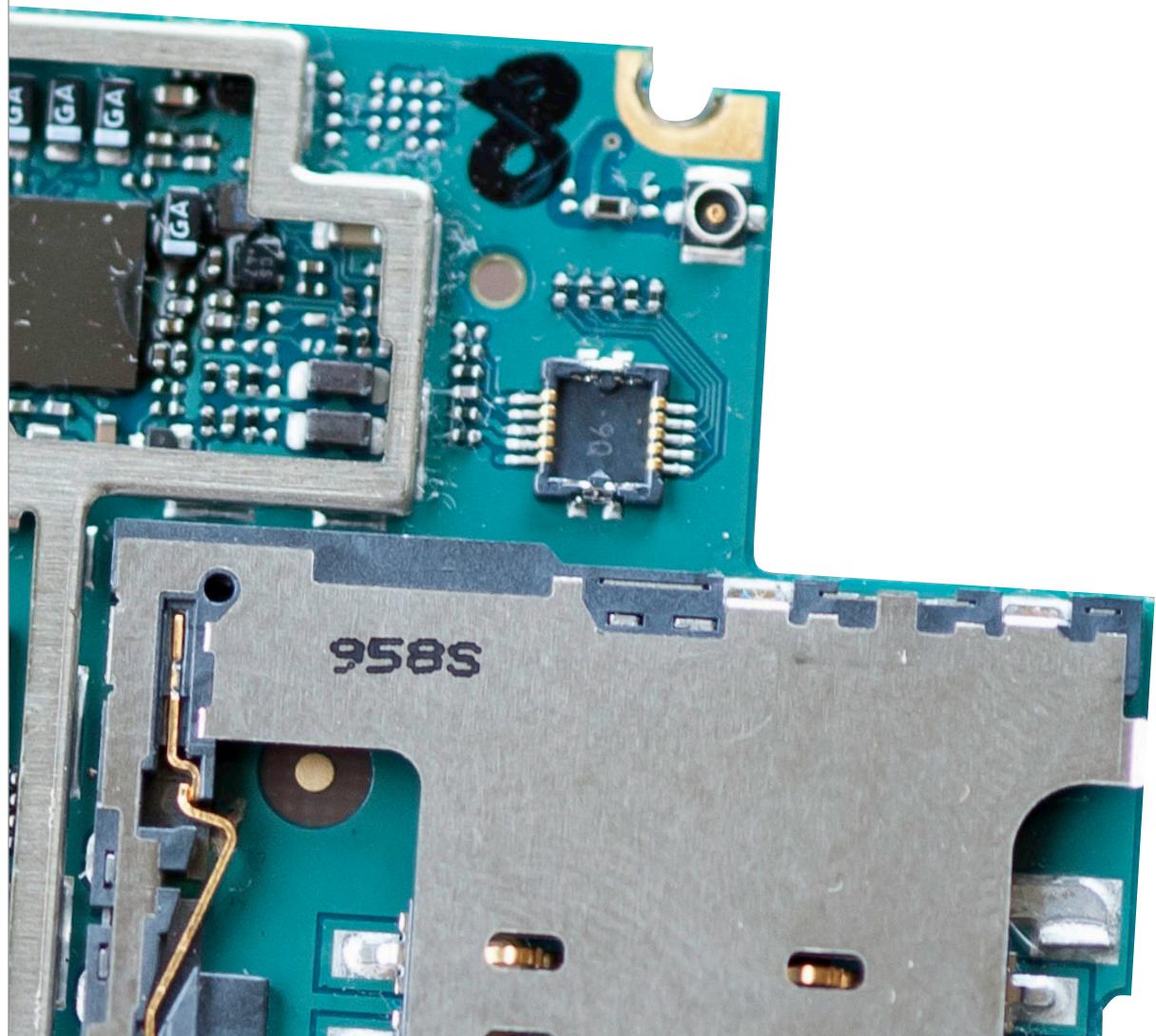
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side C



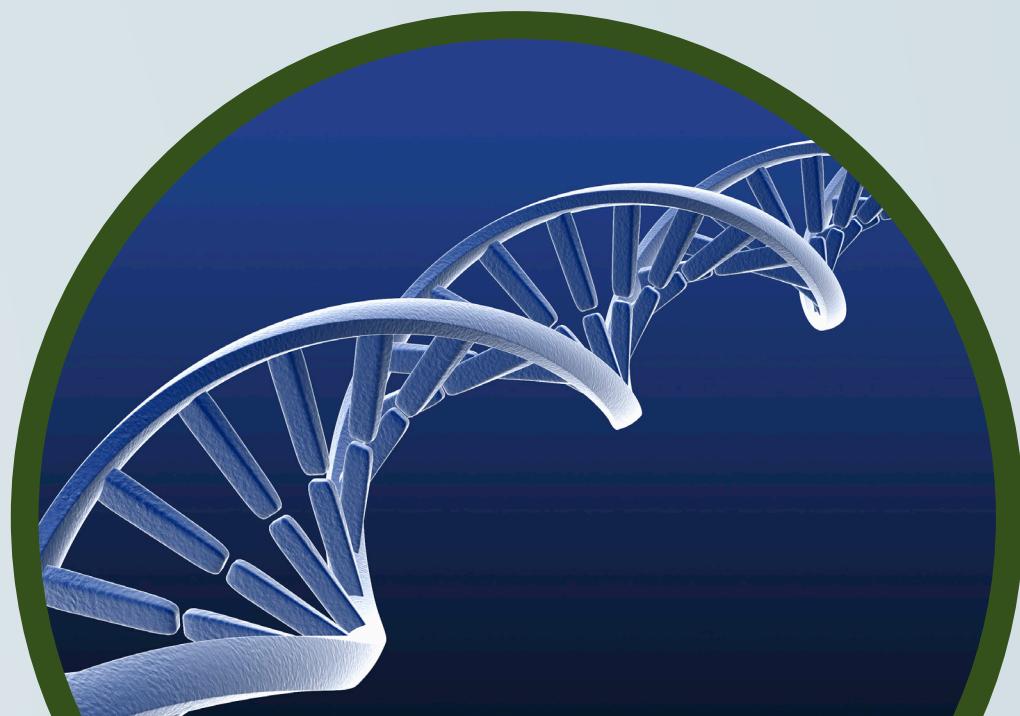
**CUBE 3**  
side D



**CUBE 3**  
side E



**CUBE 3**  
side F



**CUBE 4**

side A



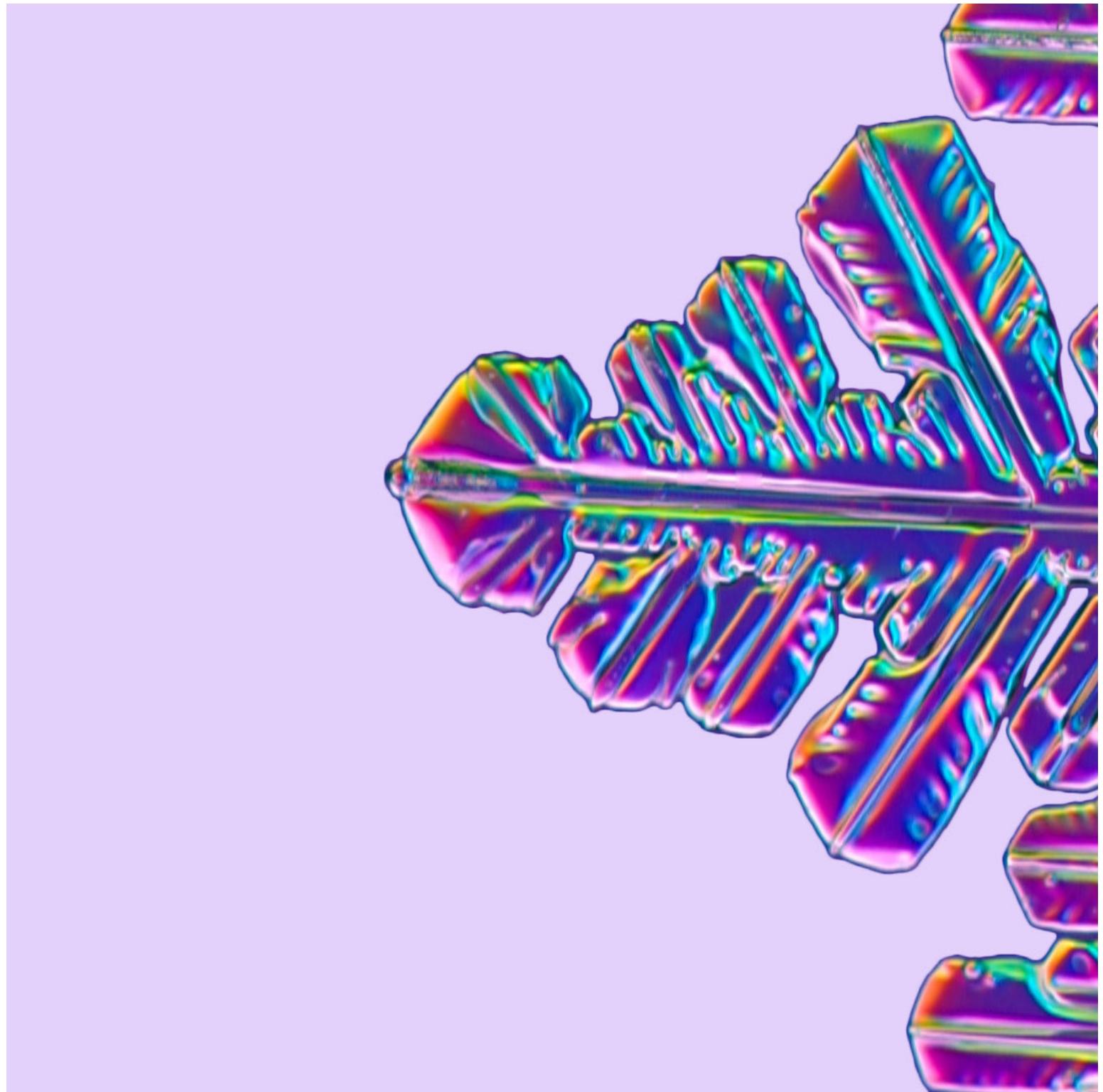
**CUBE 4**  
side B



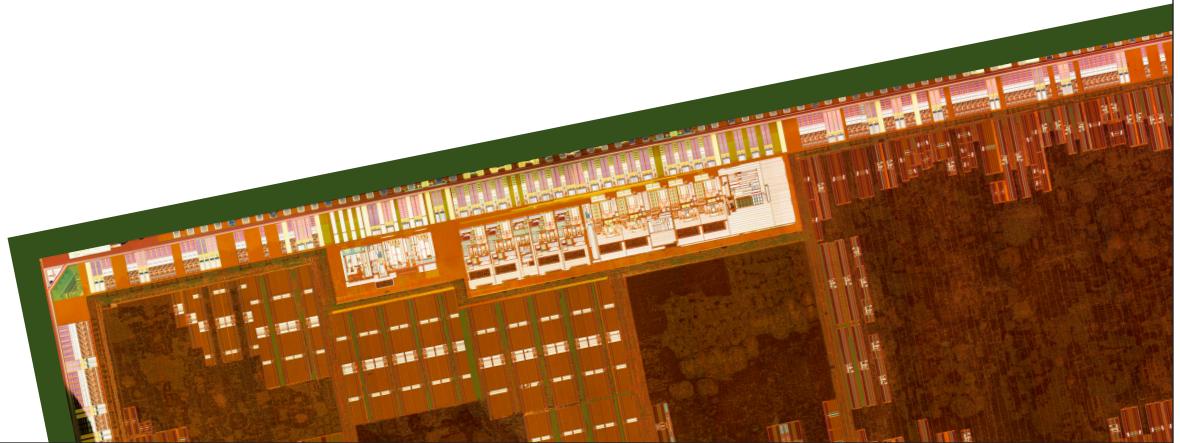
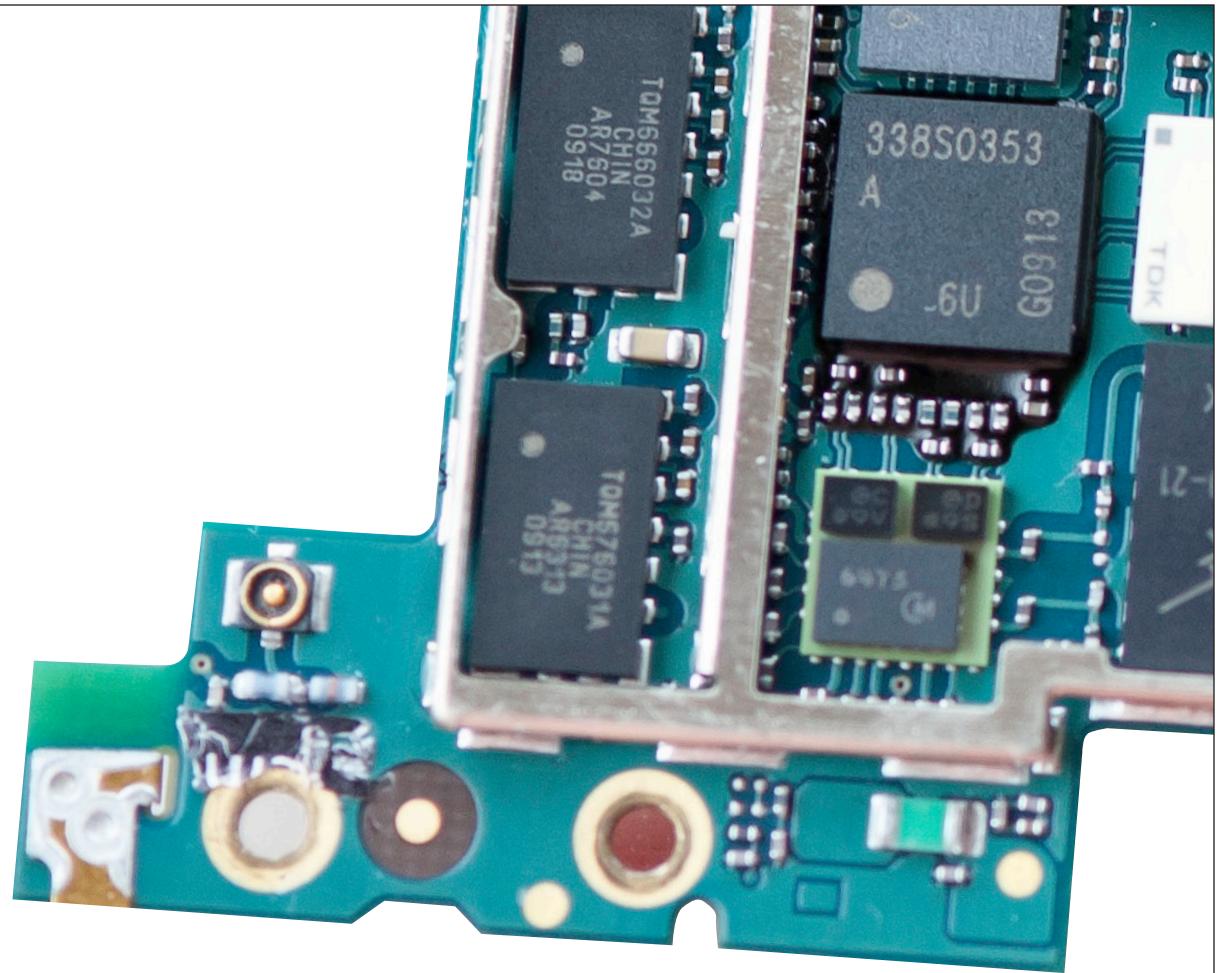
**CUBE 4**  
side C



**CUBE 4**  
side D



**CUBE 4**  
side E



**CUBE 4**

side F



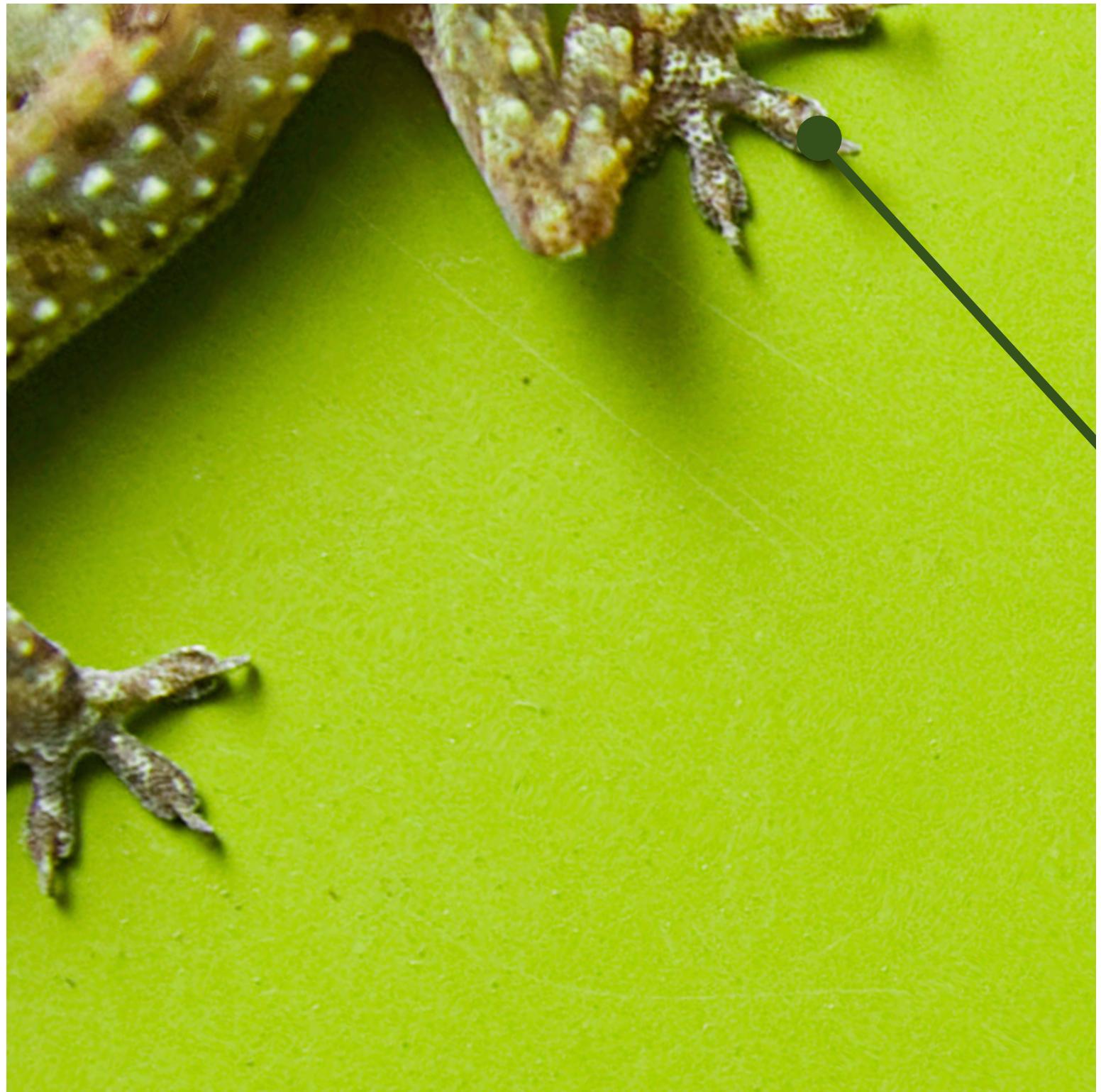
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side A



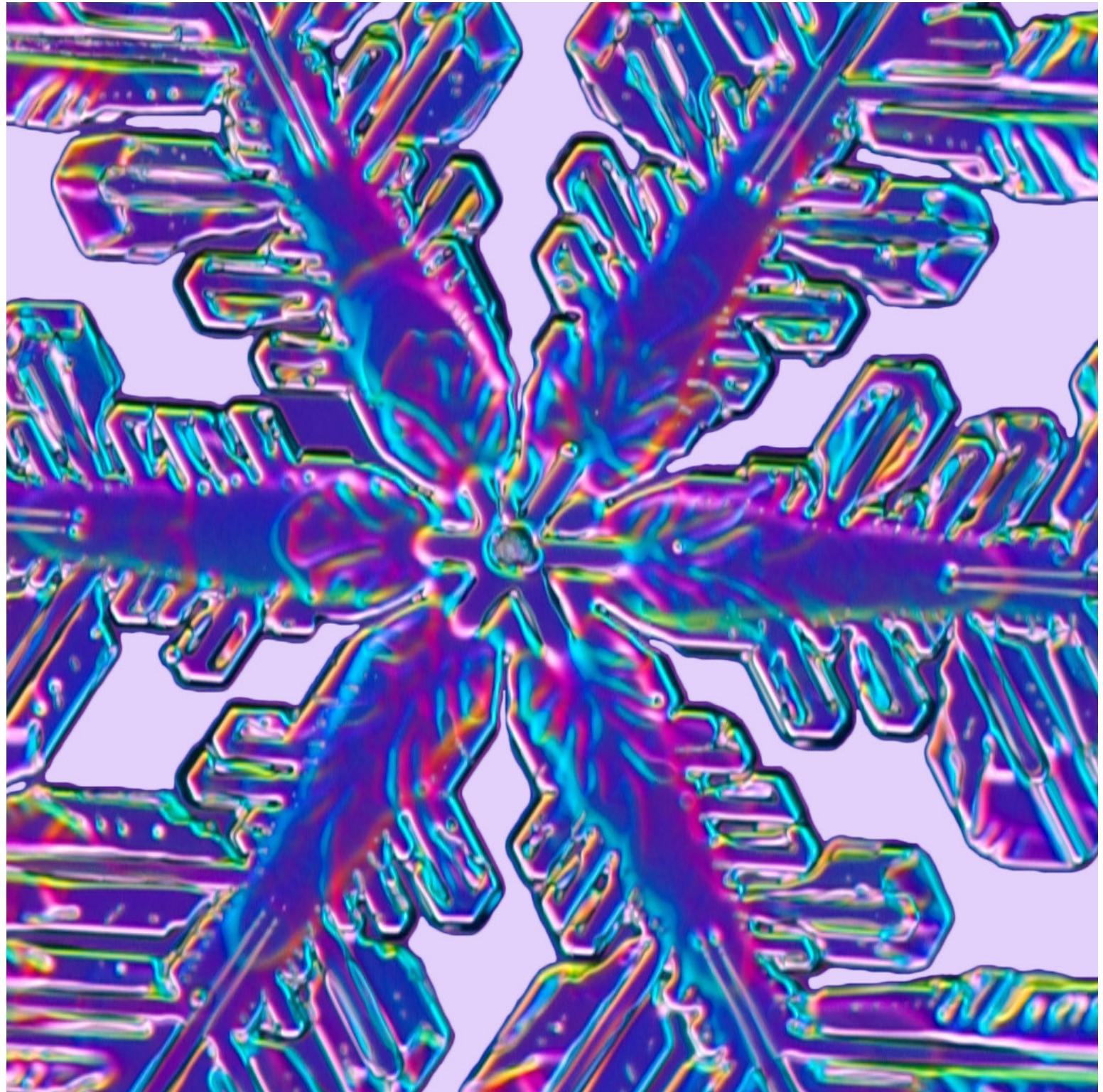
**CUBE 5**  
side B



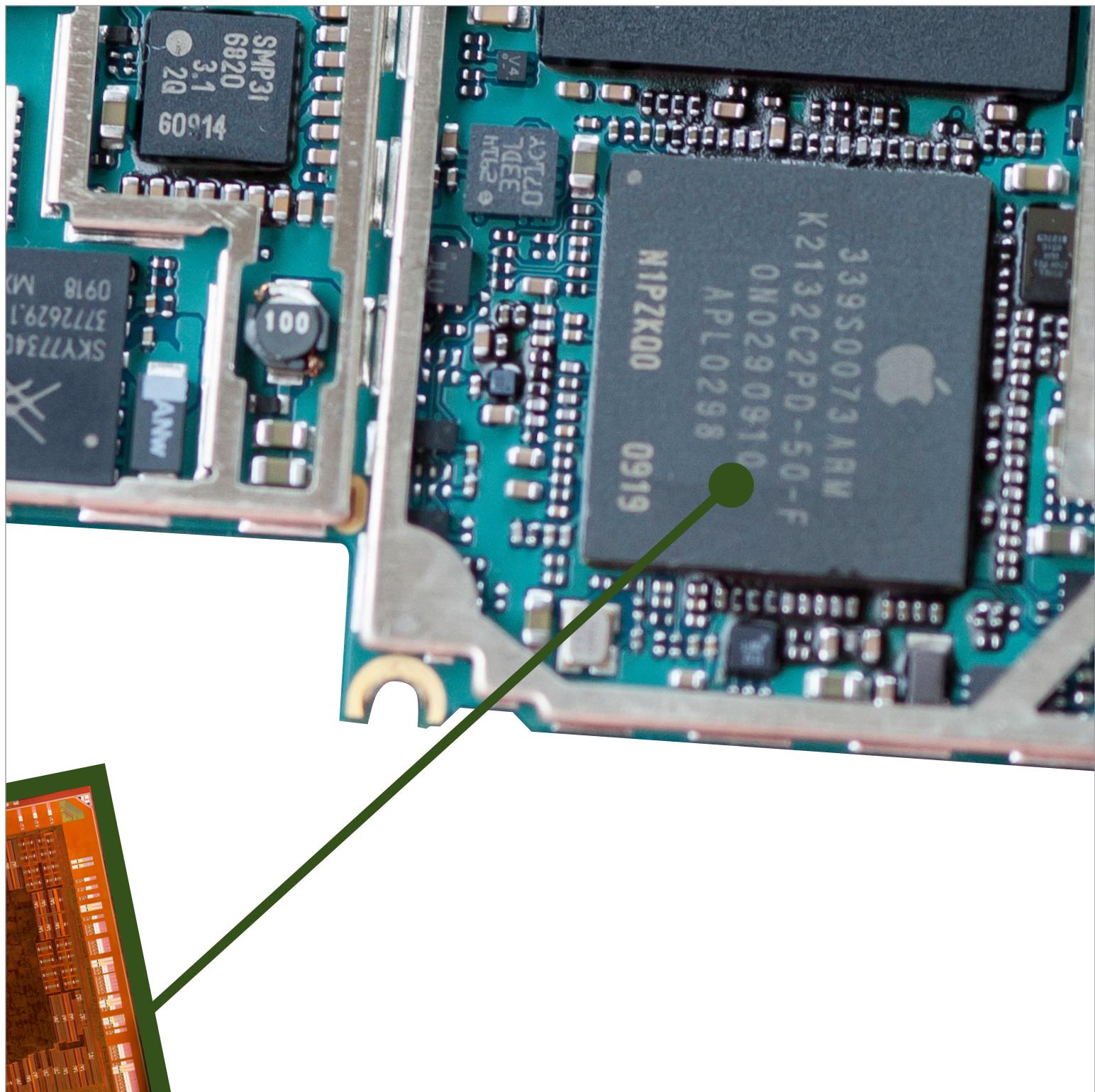
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side C



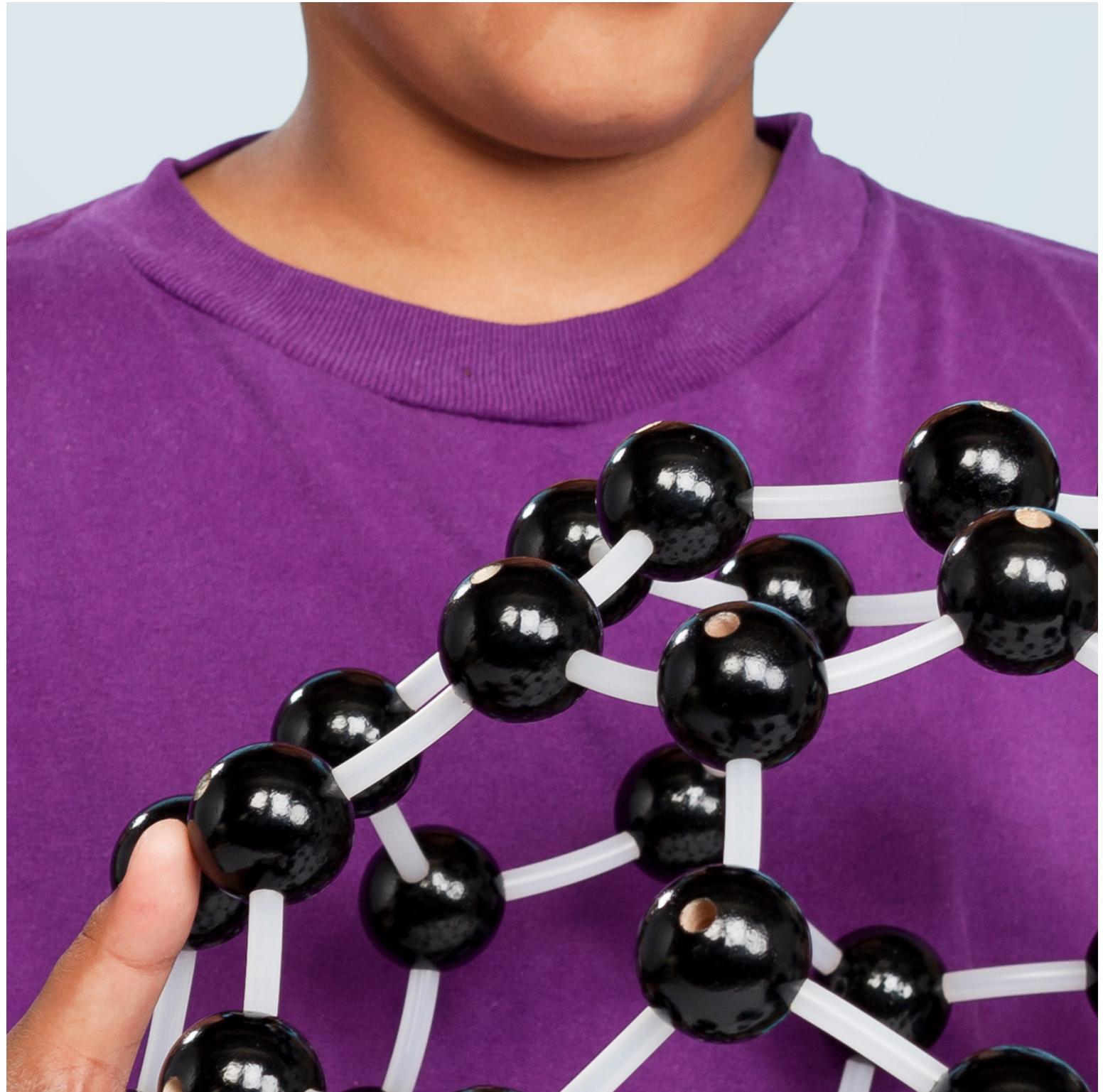
**CUBE 5**  
side D



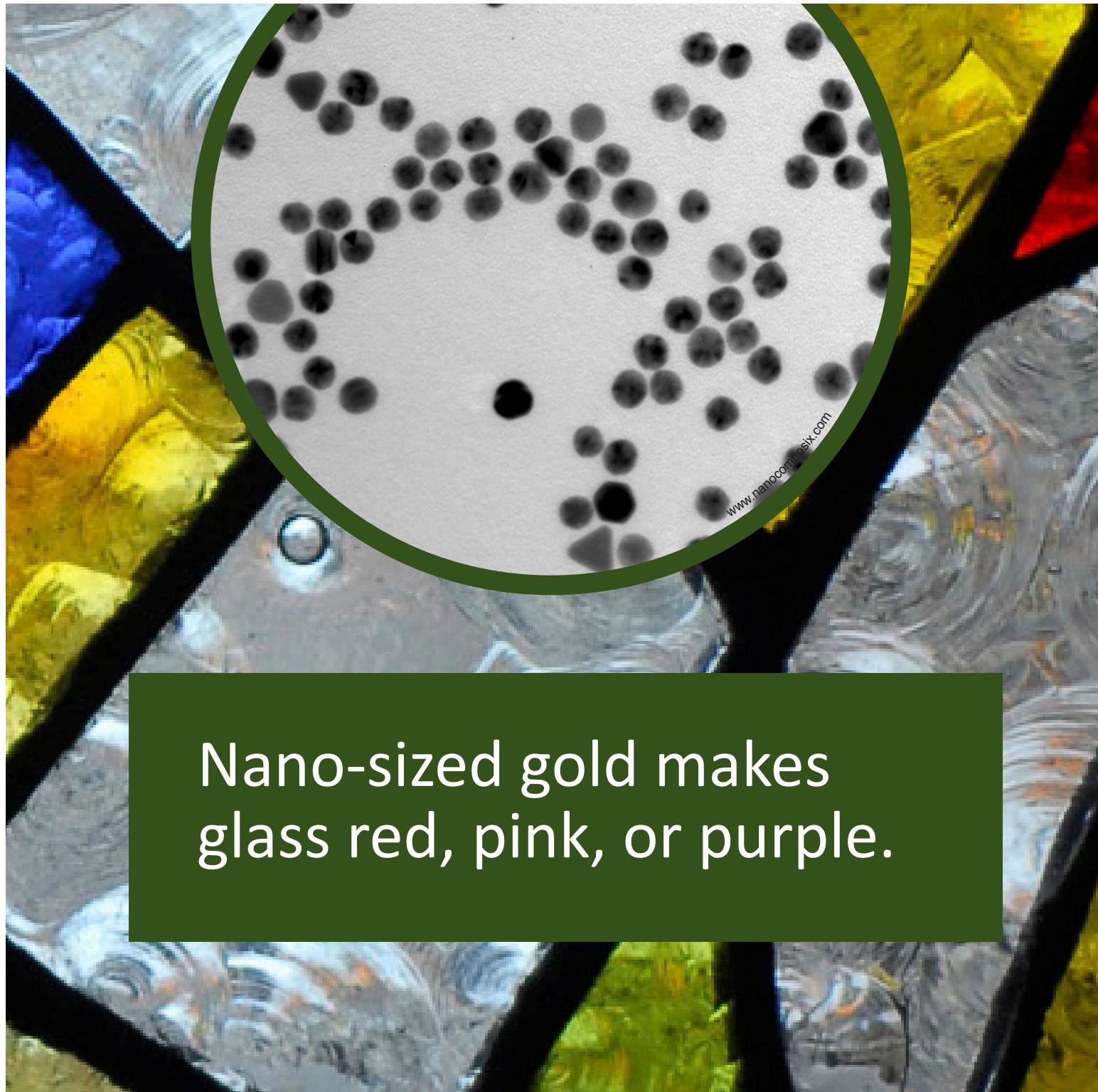
**CUBE 5**  
side E



**CUBE 5**  
side F

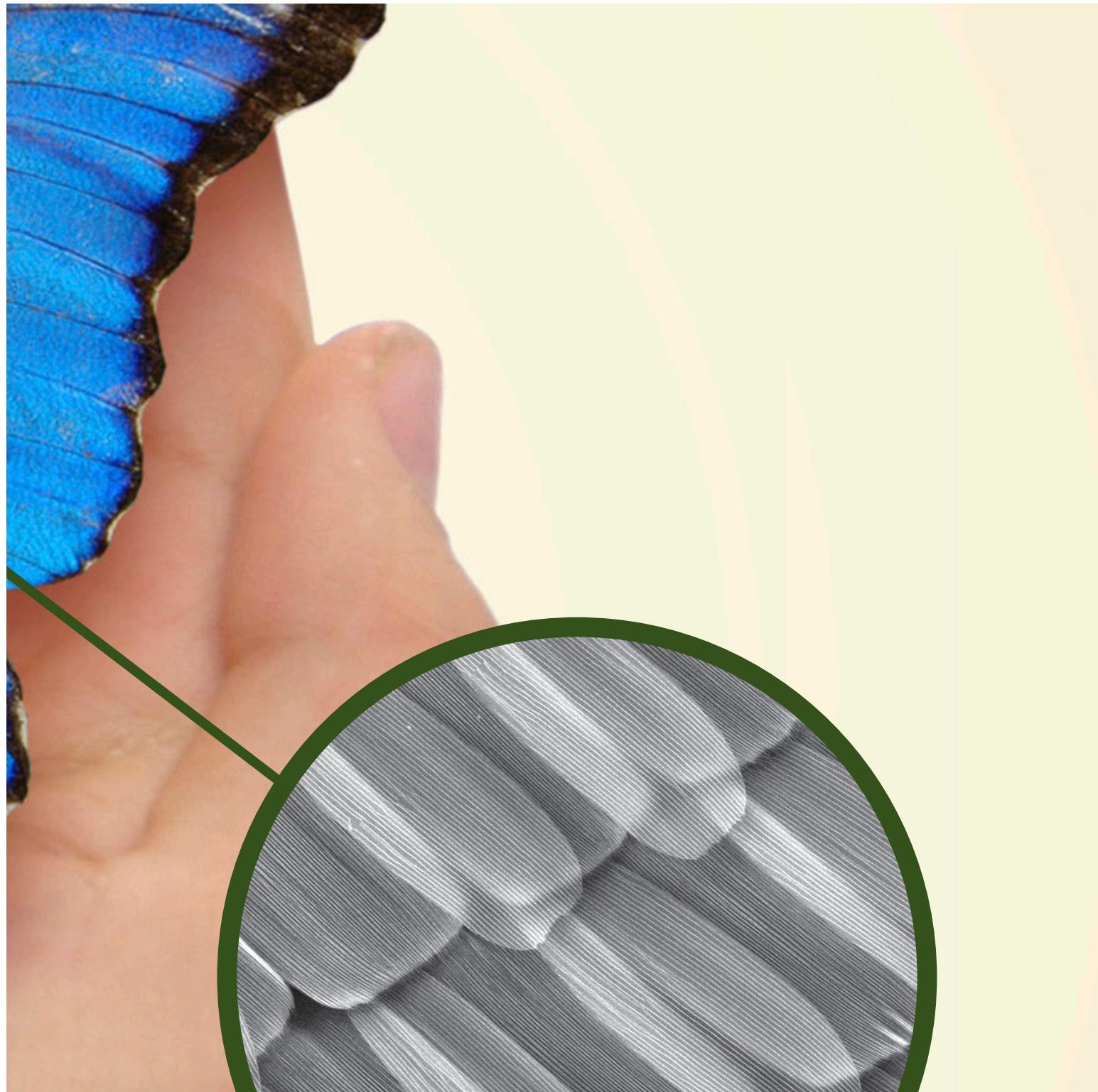


CUBE 6  
side A

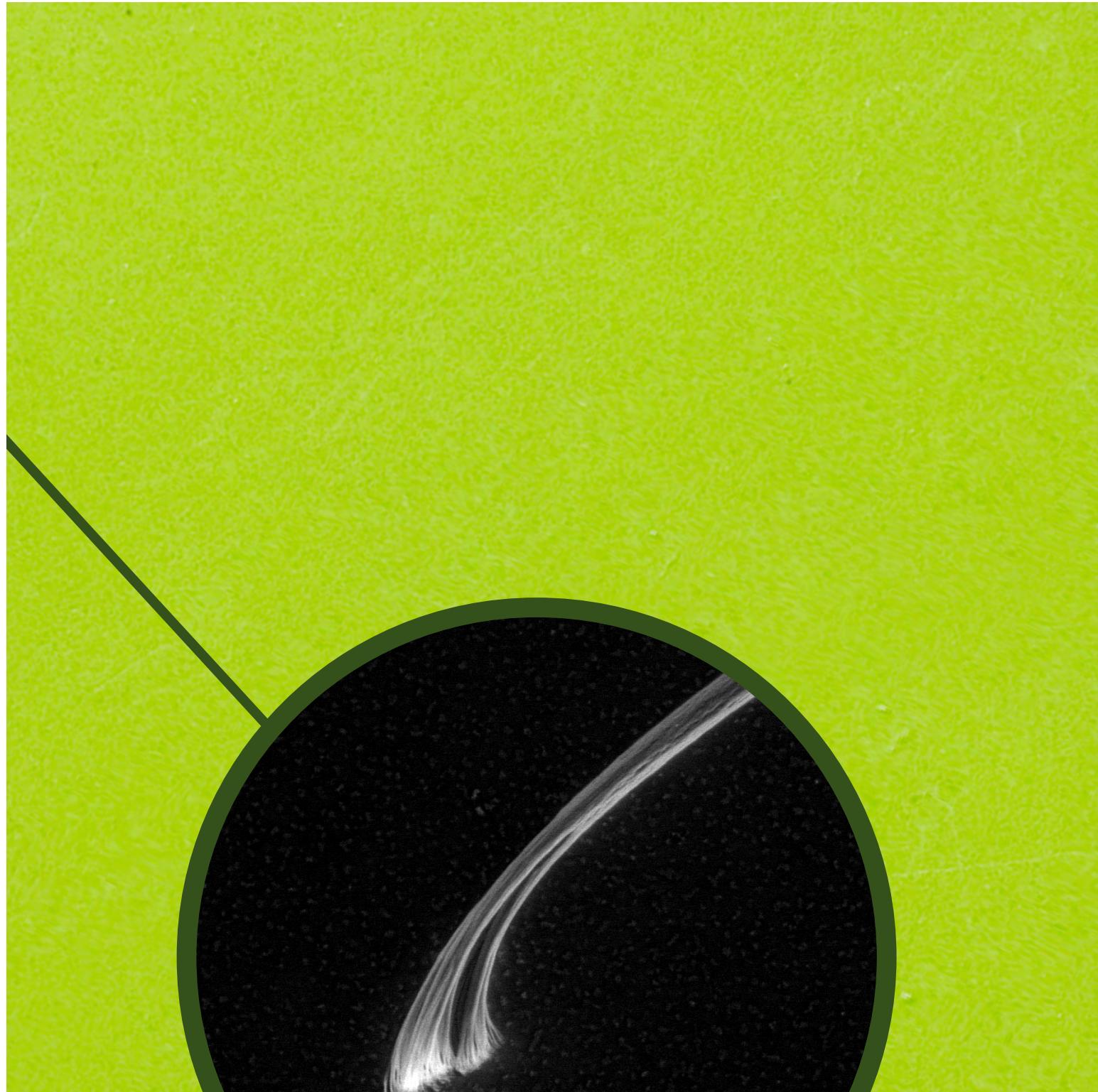


Nano-sized gold makes  
glass red, pink, or purple.

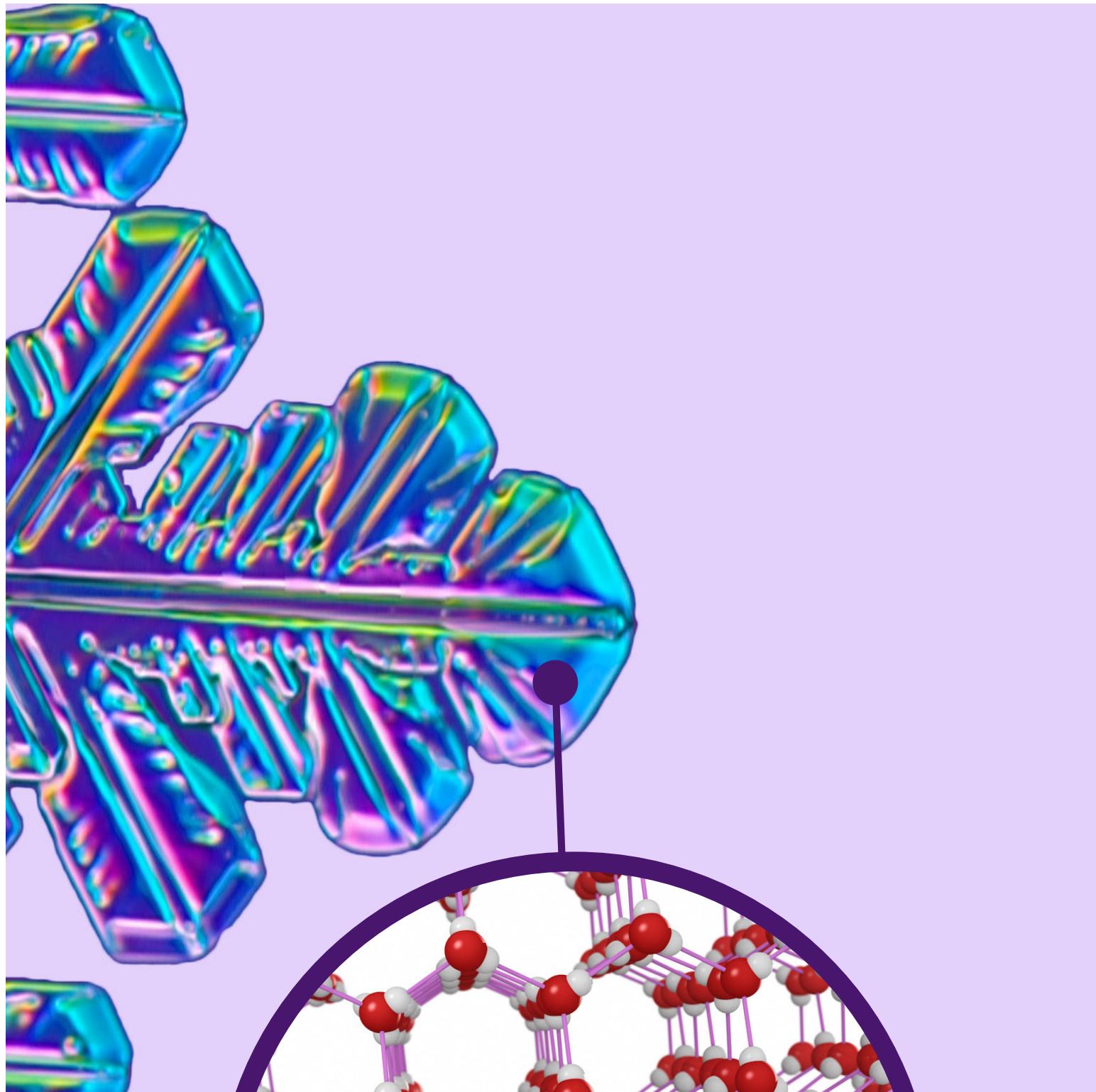
**CUBE 6**  
side B



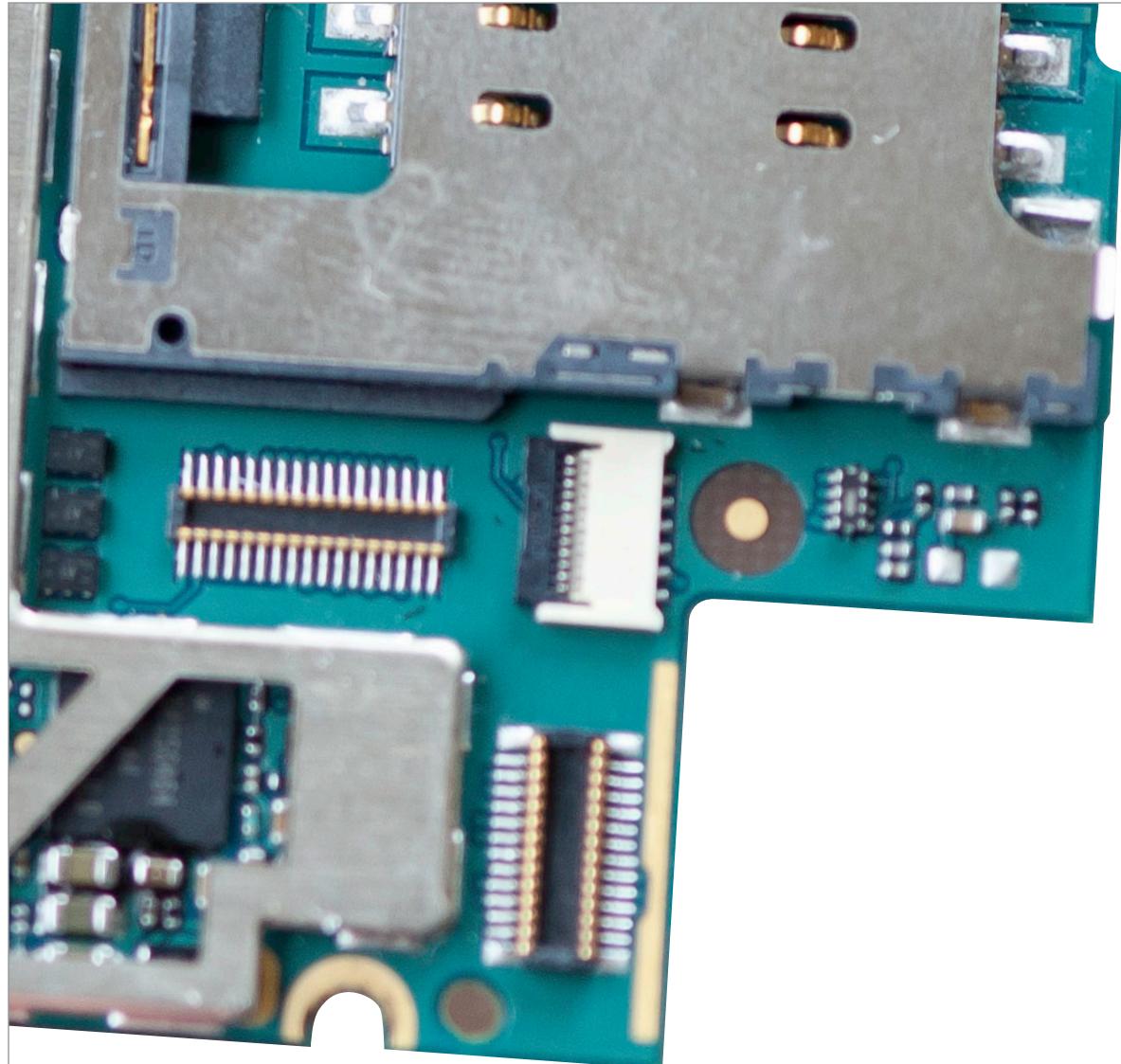
**CUBE 6**  
side C



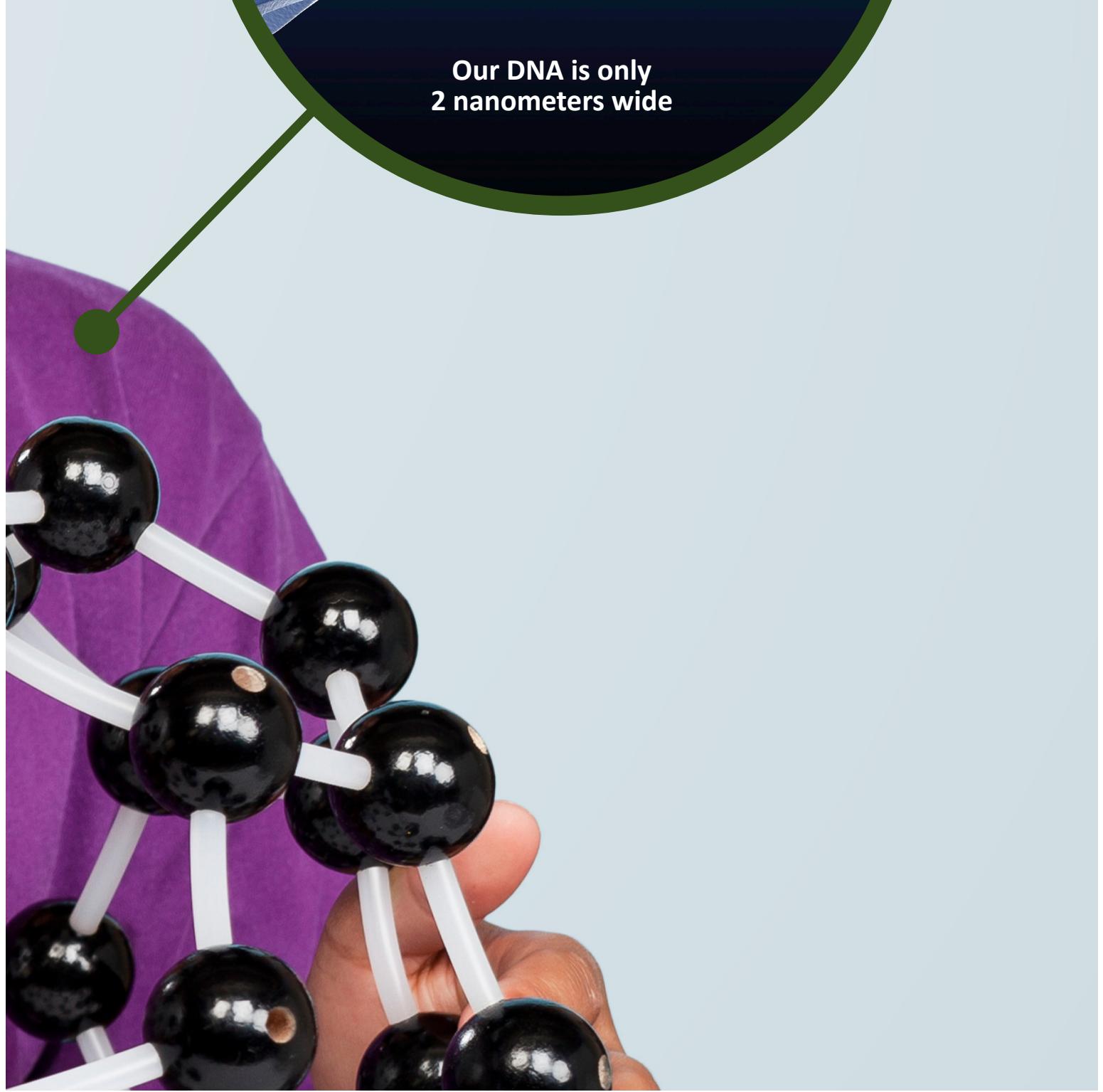
**CUBE 6**  
side D



**CUBE 6**  
side E



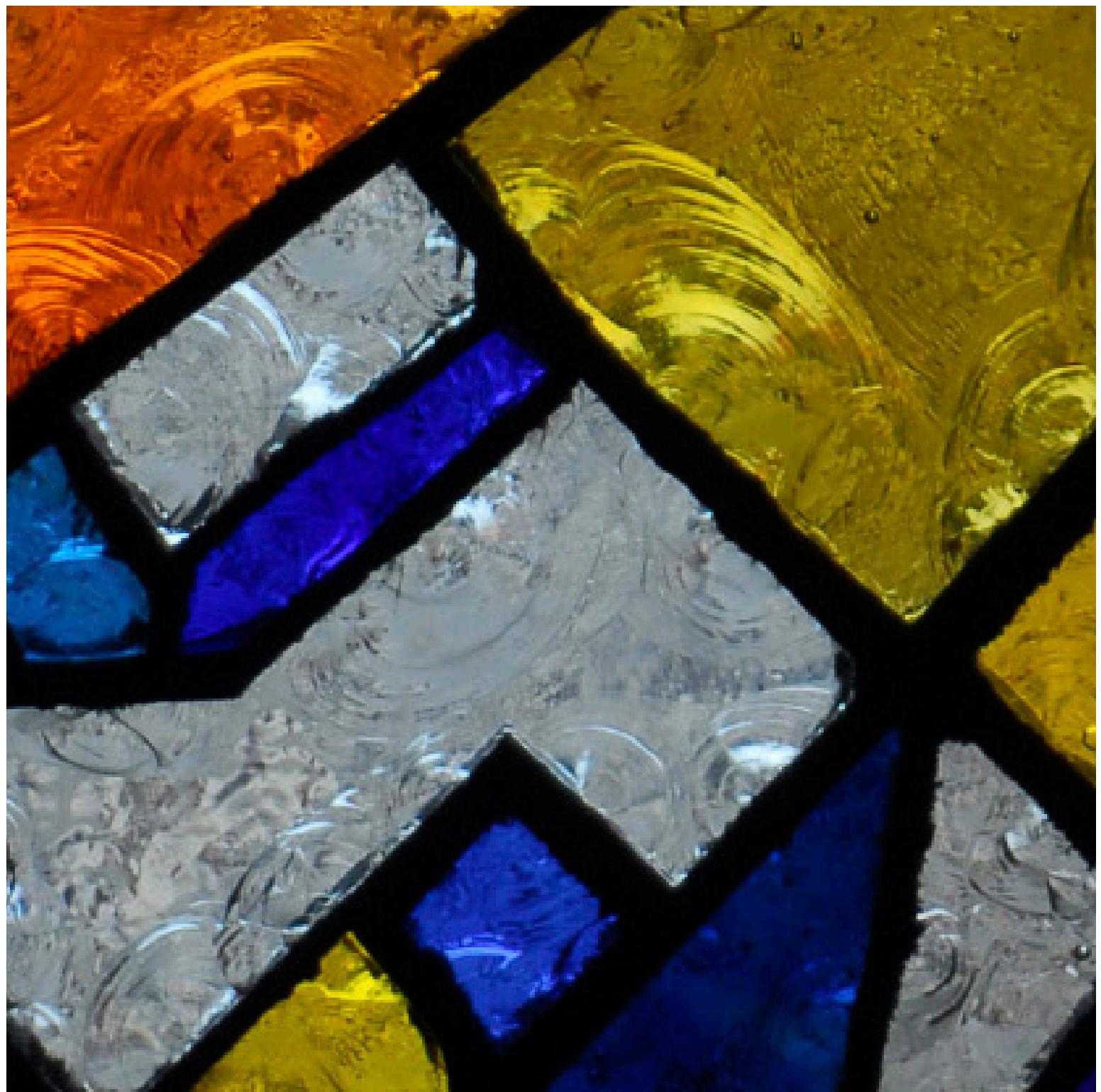
**CUBE 6**  
side F



**Our DNA is only  
2 nanometers wide**

# CUBE 7

side A

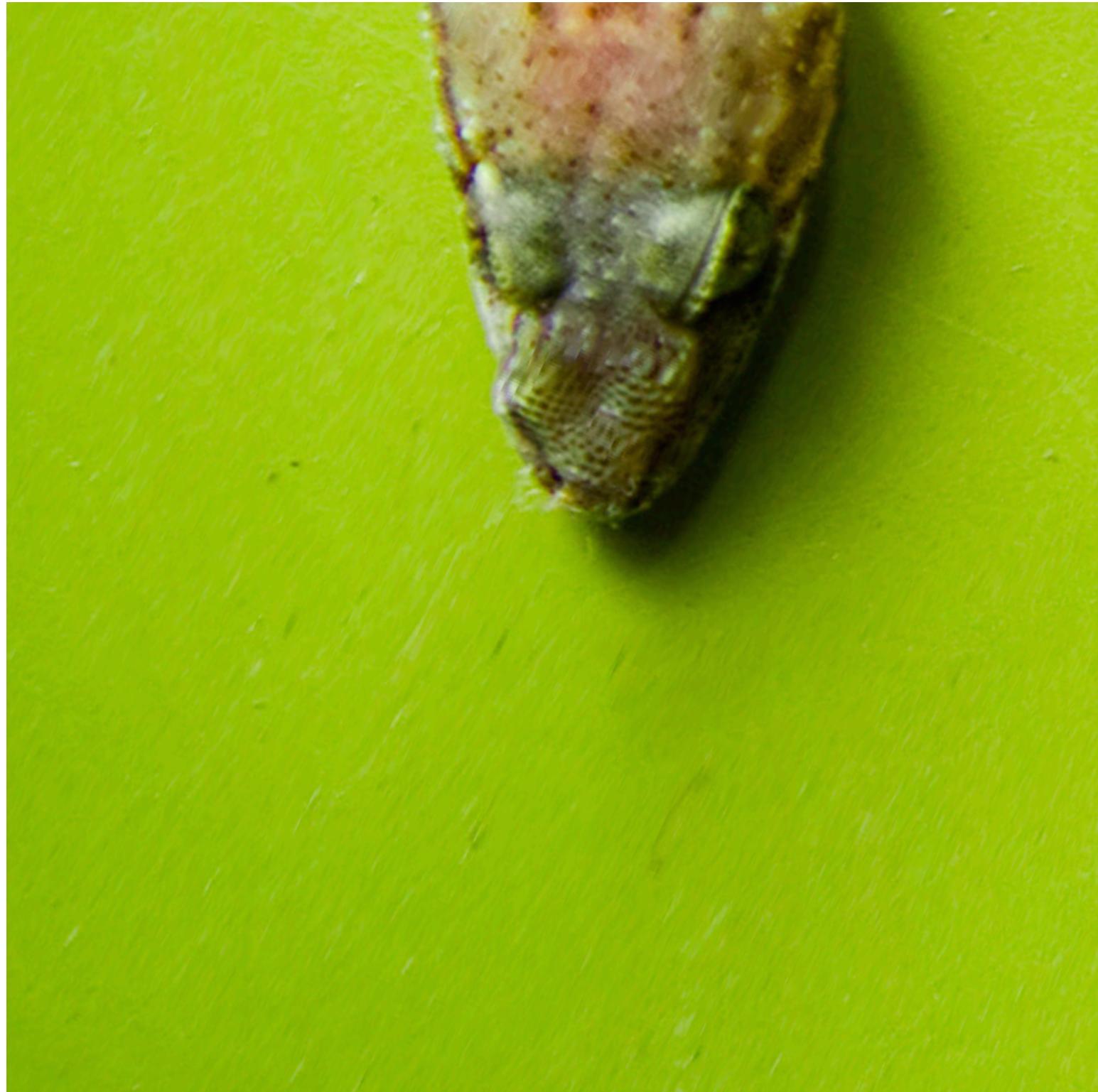


**CUBE 7**

side B



**CUBE 7**  
side C

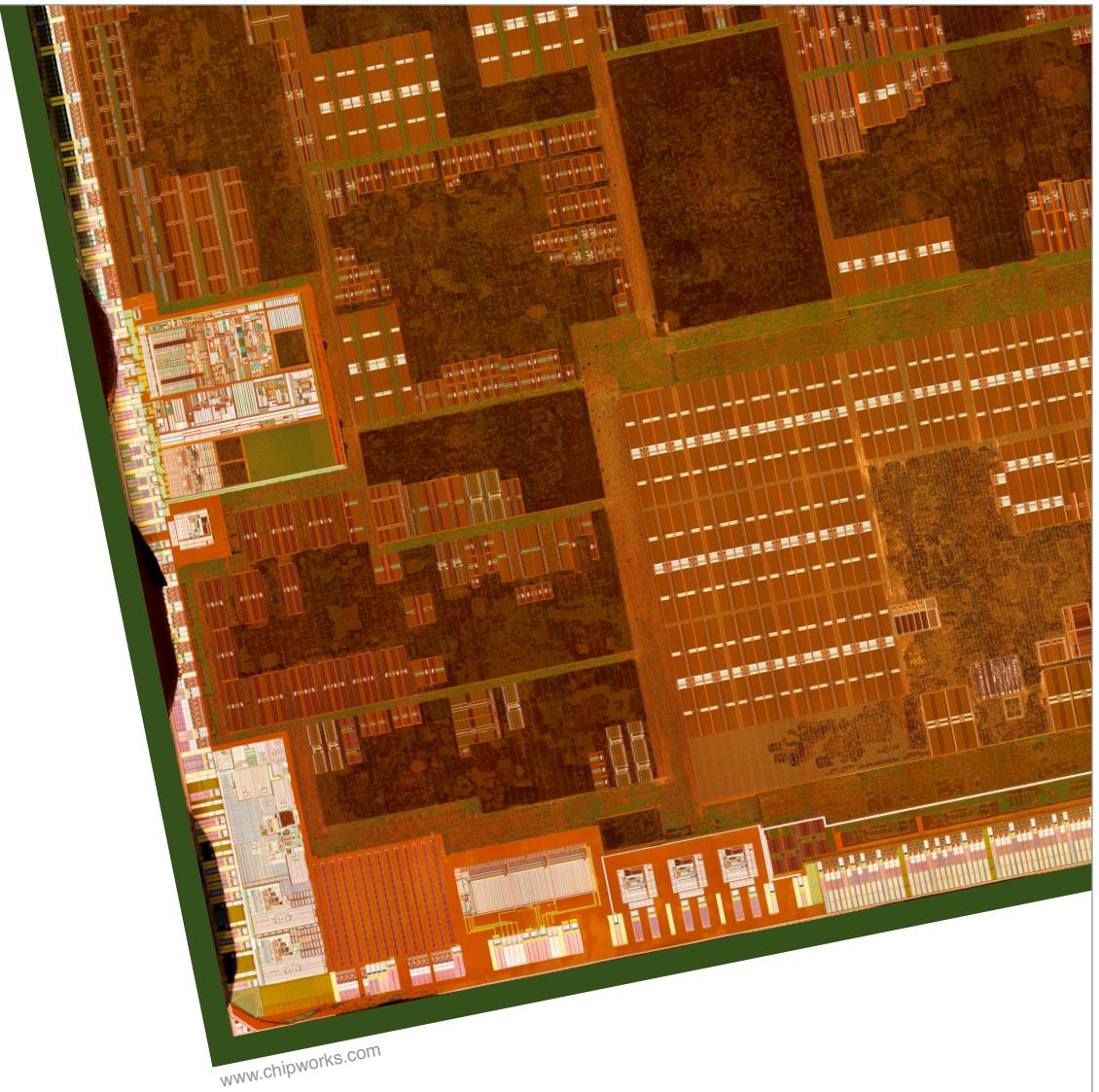


**CUBE 7**  
side D



Kenneth Libbrecht, Caltech, [www.snowcrystals.com](http://www.snowcrystals.com)

**CUBE 7**  
side E



**CUBE 7**  
side F



**CUBE 8**

side A



**CUBE 8**

side B

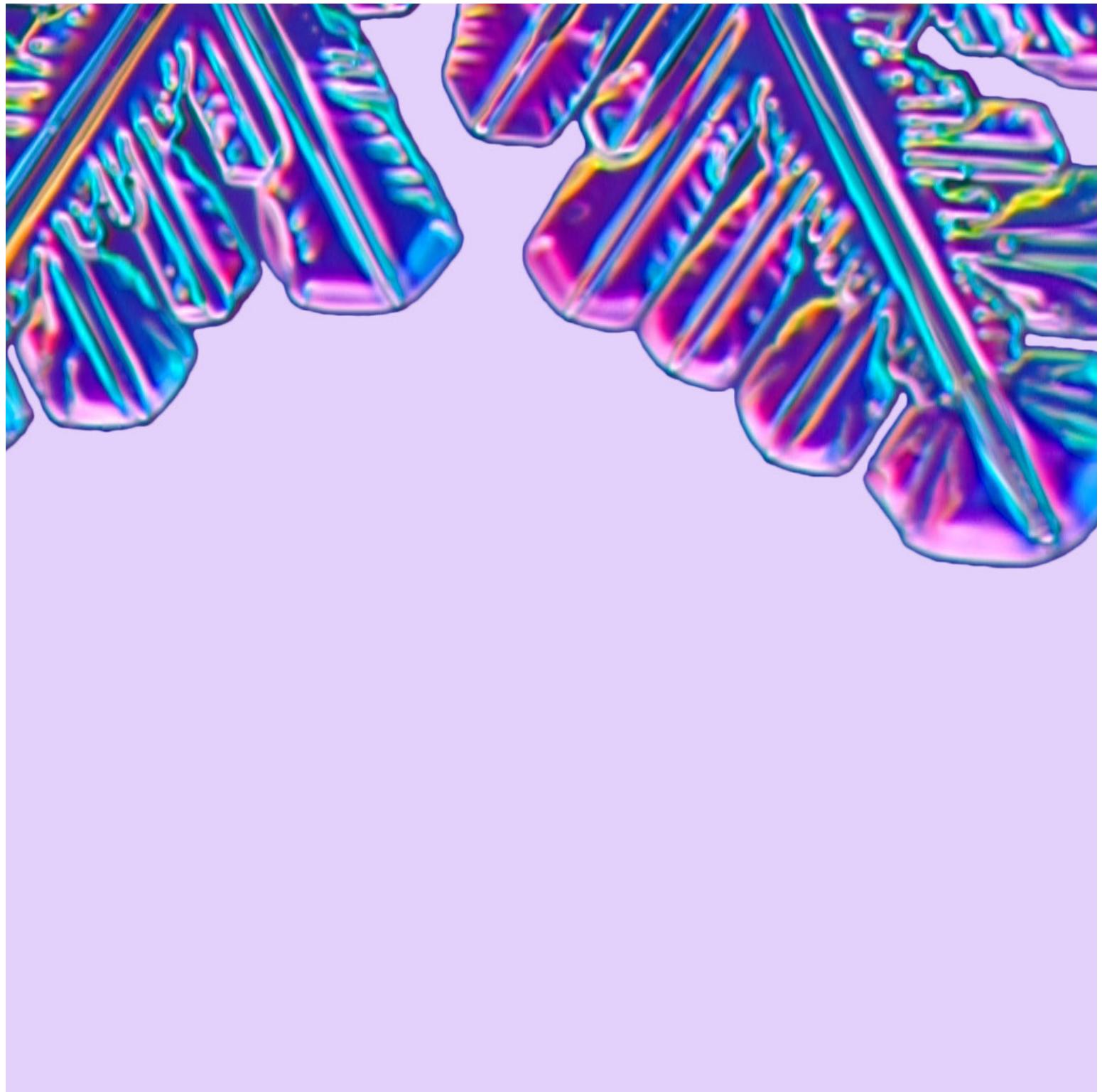


**CUBE 8**

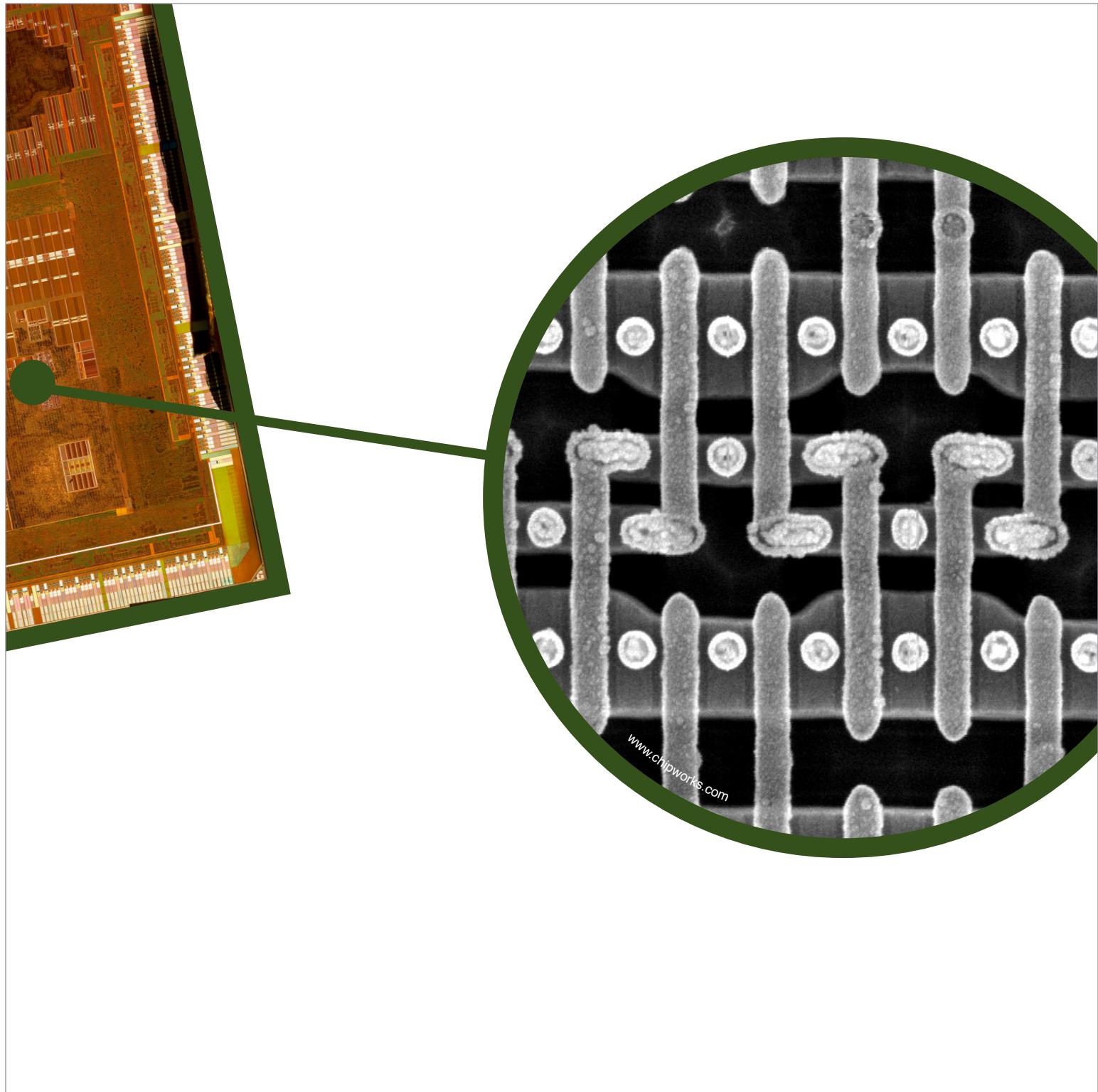
side C



**CUBE 8**  
side D



**CUBE 8**  
side E



**CUBE 8**  
side F



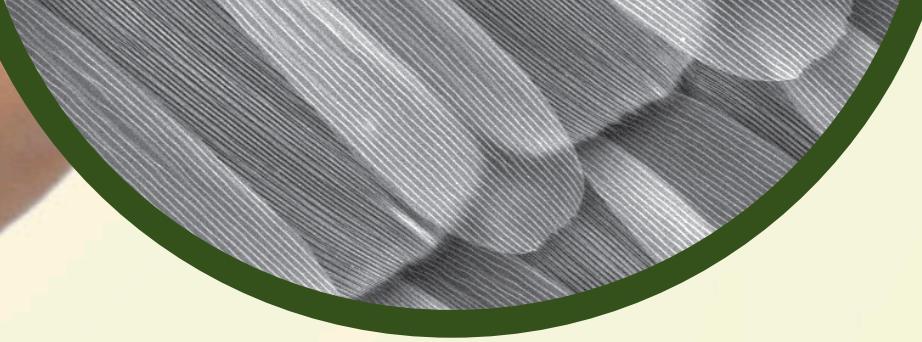
**CUBE 9**  
side A



**whatisnano.org**

NISE network  
NANOSCALE INFORMAL SCIENCE EDUCATION

NSF Grant No. 0940143



Colorless  
nanostructures make  
this butterfly blue.

**[whatisnan.org](http://whatisnano.org)**



Grant No. 0940143



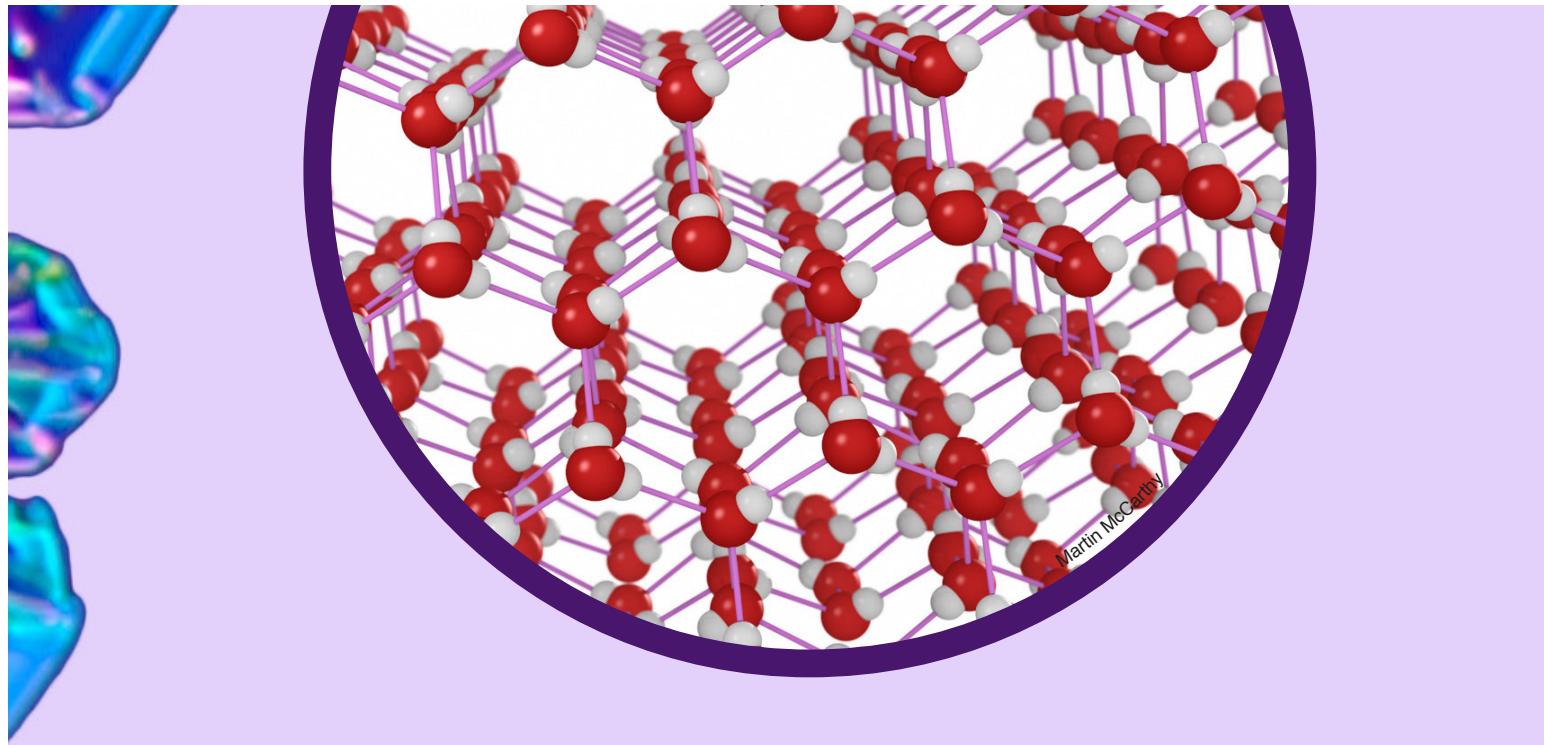
A.Kellar, Lewis & Clark College

Tiny “hairs” on their  
toes let geckos walk  
on walls!

[whatisnan.org](http://whatisnano.org)



Grant No. 0940143

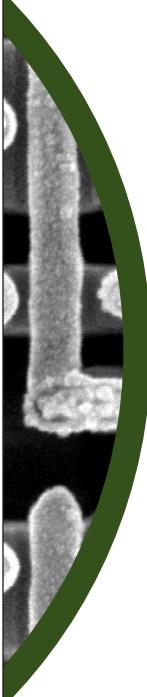


One day, nanotechnologies  
may grow themselves the  
way snowflakes do!

[whatisnan.org](http://whatisnano.org)

NISE network  
NANOSCALE INFORMAL SCIENCE EDUCATION

NSF Grant No. 0940143



Nanotechnology makes  
computer chips smaller  
and faster.

**[whatisnano.org](http://whatisnano.org)**



Grant No. 0940143

CUBE 9  
side F



We all have a role in  
shaping our nano  
future.

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