

## Today's Topic:

What does the metadata and data look like on a RGB image file?



Warmup (copy)

Send me your black and white image from Monday.

Solve the puzzles in Stage 4, color encoding, at [Code.org](https://code.org)



## *Definitions from last week:*

**Metadata**: Data that describes other data. For example, a digital image may include metadata that describe the size of the image, number of colors, or resolution.

**Pixel**: Short for "picture element" it is the fundamental unit of a digital image, typically a tiny square or dot which contains a single point of color of a larger image.

**Image**: A type of data used for graphics or pictures.

# *Definitions from last week:*

**Heuristic**: a problem solving approach (algorithm) to find a satisfactory solution where finding an optimal or exact solution is impractical or impossible.

**Lossless Compression**: a data compression algorithm that allows the original data to be perfectly reconstructed from the compressed data.

# Code.org Unit 2, Stage 3

Send me this:

Jude, Sandor,  
Cody, Jay,  
Munchie, Eli,  
Lilah,  
Nathaniel

This is worth 6  
pts.

Start by  
downloading  
the blank from  
[cgenest.weebly.com](http://cgenest.weebly.com)

A. P. Computer Science Principles and Code.org,

Evan Genest



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