

## "PYTHON SLICE NOTATION"

`a[start: end]` # <sup>items</sup> ~~from~~ start through end - 1

`a[start:]` # items <sup>from</sup> start through the rest of the array

`a[: end]` # items from the beginning through end - 1

`a[:]` # a copy of the whole array.

`a[start: end: step]` # from start to end, by step, <sup>without end value</sup>

`a[-1]` # last item in array

`a[-2:]` # last two items in array.

`a[:-2]` # everything except last two items.

So you can.

~~at~~ `rows, cols = img.shape[:-2]` and the channel value won't be used.