JONAS.IO
SCHMEDTMANN

ADVANCED CSS AND SASS

TAKE YOUR CSS TO THE NEXT LEVEL!

SECTION

NATOURS PROJECT – ADVANCED
RESPONSIVE DESIGN (PART 3)

LECTURE

AN OVERVIEW OF RESPONSIVE IMAGES

@JONASSCHMEDTMAN

WHAT ARE RESPONSIVE IMAGES ANYWAY?

RESPONSIVE IMAGES

Responsive design

Maintainable and scalable code

Web performance
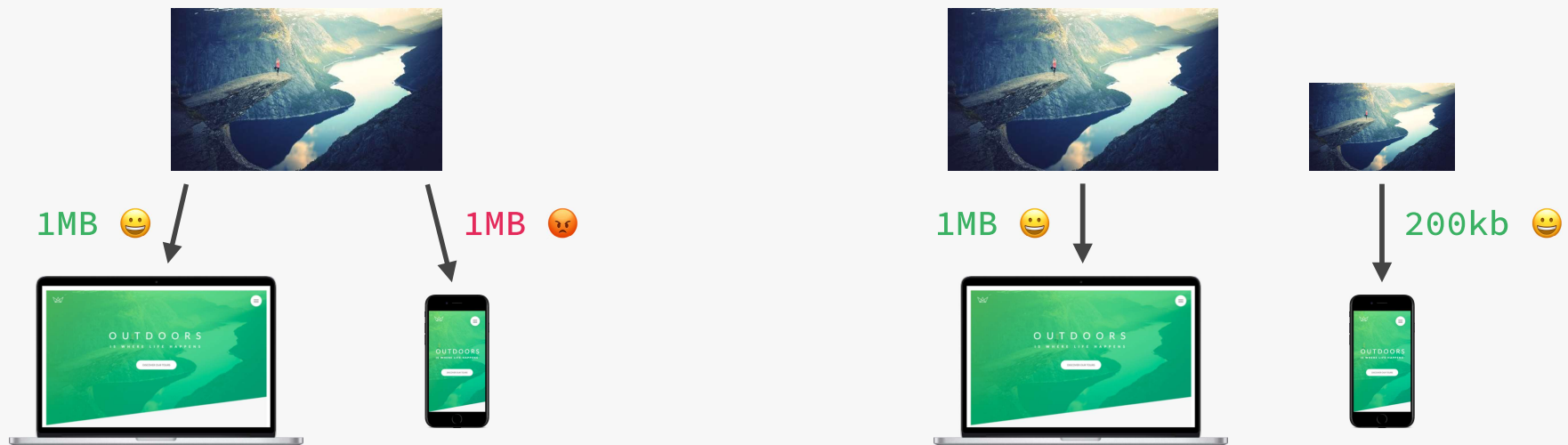
The goal of responsive images is to serve the **right image** to the **right screen size** and device, in order to avoid downloading unnecessary large images on smaller screens.
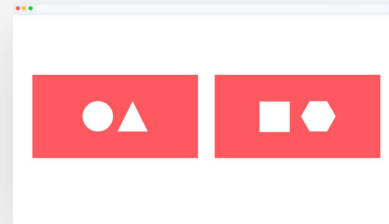
1MB 😀

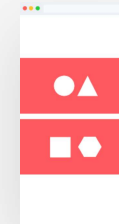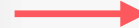1MB 😠

1MB 😀

200kb 😀

OUTDOORS

OUTDOORS

OUTDOORS

OUTDOORS

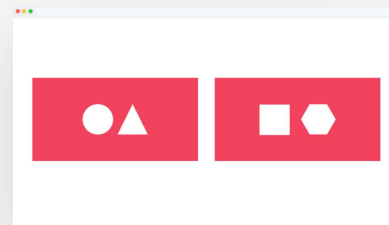# WHEN TO USE RESPONSIVE IMAGES: THE 3 USE CASES

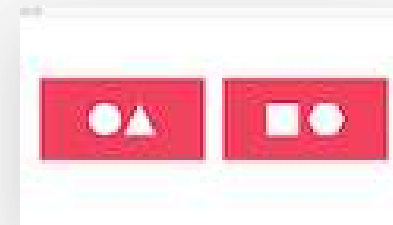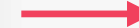**RESOLUTION SWITCHING**

Large screen → Small screen

(Decrease image resolution on smaller screen)
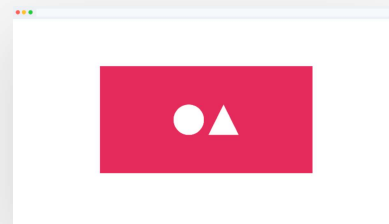
DENSITY SWITCHING
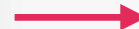
@2x screen (high-res) → @1x screen (low-res)

(Half the image resolution on @1x screen)

ART DIRECTION

Large screen → Small screen

Image details were preserved, but the image is different

(Different image on smaller screen)