

REMS

RELATIVE TO THE ROOT ELEMENTS FONT SIZE AND ARE THE KEY INGREDIENT FOR CREATING RESPONSIVE WEBPAGES

ROOT
ELEMENT

```
<!DOCTYPE html>  
<html lang="en">
```

16px

$2 \times 16\text{px} = 32\text{px}$

$0.5 \times 16\text{px} = 8\text{px}$

```
a {  
  font-size: 2rem;  
  padding: 0.5rem;  
  margin-bottom: 3rem;  
}
```

$3 \times 16\text{px} = 48\text{px}$



REMS

WORKING WITH A BASE 10PX FOR REM UNITS MAKES IT SIMPLER WHEN THINKING ABOUT SIZING ELEMENTS

FIXED AT 10PX

```
html {  
  font-size: 10px;  
}
```

1rem = 10px



REMS

WORKING WITH A BASE 10PX FOR REM UNITS MAKES IT SIMPLER WHEN THINKING ABOUT SIZING ELEMENTS

FIXED AT 10PX

```
html {  
  font-size: 10px;  
}
```

1rem = 10px

THIS WILL SCALE IF THE USER UPDATES THEIR BROWSER FONT-SIZE

```
html {  
  font-size: 62.5%;  
}
```

MEDIUM

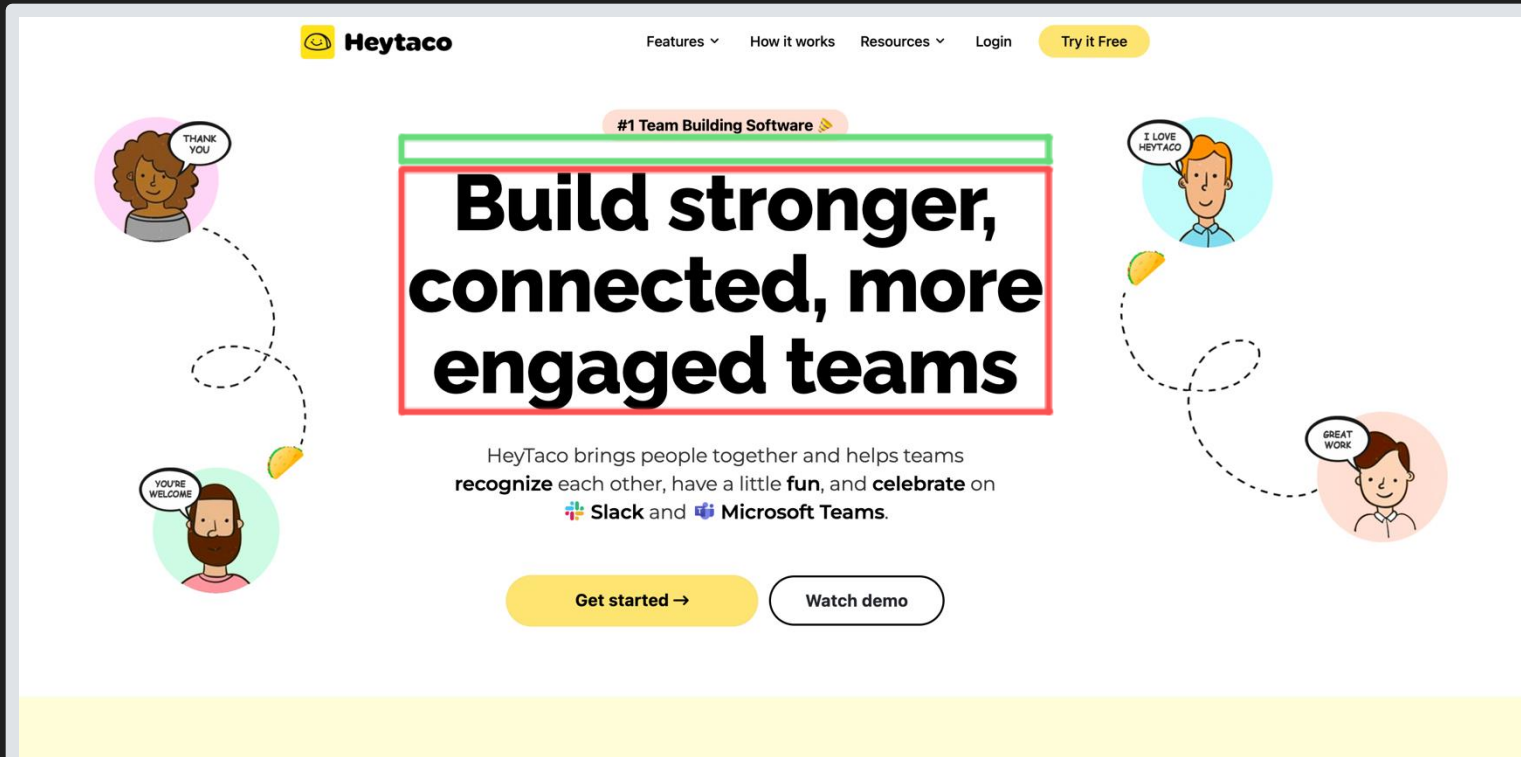
$62.5\% \times 16px = 10px$

VERY LARGE

$62.5\% \times 24px = 15px$

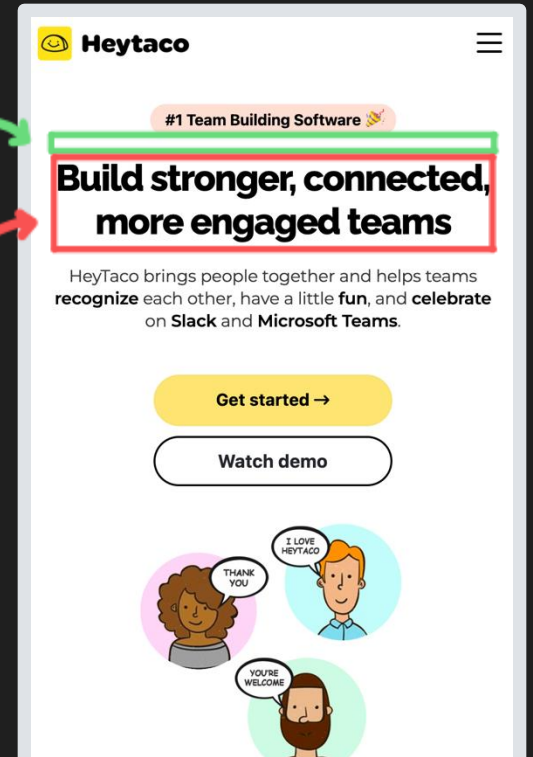
REMS GUIDANCE

REMS ARE COMMONLY USED ON FONT-SIZE, MARGINS AND PADDINGS TO CREATE FULLY RESPONSIVE WEBPAGES



PADDING
REDUCES

FONT-SIZE
REDUCES





NOT AS FREQUENTLY
USED AS REMS → EMS

A RELATIVE UNIT THAT IS MORE CONTEXT SPECIFIC COMPARED TO REMS
CLOSER

TYPOGRAPHY

RELATIVE TO THE FONT-SIZE
OF THE PARENT

font-size

line-height

letter-spacing

OTHER PROPERTIES

RELATIVE TO THE FONT-SIZE
OF THE ELEMENT ITSELF

width

height

margin

padding



SUMMARY CARD

CSS UNITS

MORE COMMONLY USED

PIXELS

BORDER RADIUS

BORDER

LETTER SPACING

LOGO AND ICONS

MAX-WIDTH

SHADOWS

PERCENTAGES

MAIN CONTAINERS

IMAGES

BORDER RADIUS

REMS

TEXT

MARGIN

PADDING

USED FOR SPECIFIC CASES

VH

SECTION HEIGHT

DESIGN
DEPENDENT

VW

TEXT

NOT
COMMON

EMS

MARGIN

PADDING

REMS ARE
FINE

QUILL HOMEPAGE

