

Converting Colors

RGB(245, 137, 133)

Have a look what the booklet for
RGB(245, 137, 133) contains.

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Color

RGB(245, 137, 133)

Conversions

Conversions Part 1

Format	Color
Hex	F58985
RGB	245, 137, 133
RGB Percent	96%, 54%, 52%
CMY	0.0392, 0.4627, 0.4784
CMYK	0.00, 0.44, 0.46, 0.04
HSL	2°, 85%, 74%
HSV	2°, 46%, 96%
XYZ	50.8355, 38.9973, 27.0382
YIQ	168.8360, 65.6520, 21.6520

Conversions

Conversions Part 2

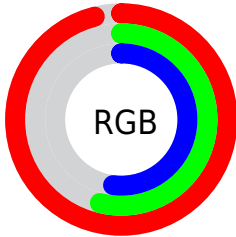
Format	Color
R_{YB}	245, 137, 133
Decimal	16091525
CIE _{Lab}	68.75, 40.56, 20.41
CIE _{LCh}	69, 45.410, 26.709
Yxy	38.9973, 0.4350, 0.3337
Android (android.graphics.Color)	4294281605 (0xFFFF58985)
YUV	168.8360, -17.6671, 66.7958
Hunter-Lab	62.4478, 36.0239, 18.0425

Details

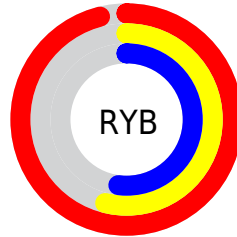
The RGB color **245, 137, 133** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **133, 241, 245**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **255, 192, 186**, and **185, 85, 84** is the 20% darker color. If you saturate the color by 10%, you get **245, 113, 109**, and if you desaturate by 10%, it is **245, 161, 157**.

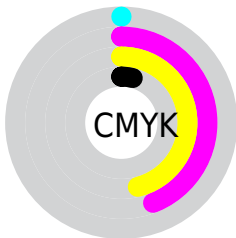
Distribution



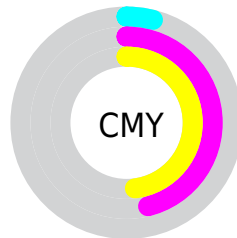
- Red (96%)
- Green (54%)
- Blue (52%)



- Red (96%)
- Yellow (54%)
- Blue (52%)



- Cyan (0%)
- Magenta (44%)
- Yellow (46%)
- Black (4%)




- Cyan (4%)
- Magenta (46%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 137, 133 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 245, 137, 133 by changing the saturation by 10% instead.

 245, 137, 133

 245, 137, 133

255, 255, 255

 215, 110, 108

 255, 192, 186

 185, 85, 84

 255, 220, 214

 156, 59, 60

 255, 249, 242

 127, 33, 39


 99, 0, 18

 71, 0, 0

 46, 0, 2

 0, 0, 0

 245, 137, 133

 245, 137, 133

■ 245, 113, 109

■ 245, 161, 157

■ 245, 90, 84

■ 245, 184, 182

■ 245, 66, 59

■ 245, 208, 207

■ 245, 42, 35

■ 245, 232, 231

■ 245, 19, 10

■ 245, 255, 255

■ 245, 9, 0

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241, 134, 174



245, 137, 133



228, 149, 100

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245, 137, 133



106, 185, 121



89, 173, 249

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



245, 137, 133



133, 241, 245

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0, 183, 235



245, 137, 133



20, 189, 162

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245, 137, 133



156, 176, 92



0, 188, 203



164, 159, 241

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245, 137, 133



209, 159, 87



0, 188, 203



52, 177, 247

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



245, 137, 133



255, 221, 219



245, 133, 241



128, 107, 106



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



245, 137, 133



255, 120, 115



245, 193, 133



122, 111, 110



186, 7, 0



59, 2, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



133, 241, 245



115, 250, 255



133, 185, 245



110, 122, 122



0, 180, 186



0, 57, 59

Previews

White Background



This preview shows how the RGB color 245, 137, 133 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 245, 137, 133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 245, 137, 133 Background



This preview shows how black text looks on a background with the RGB color 245, 137, 133.

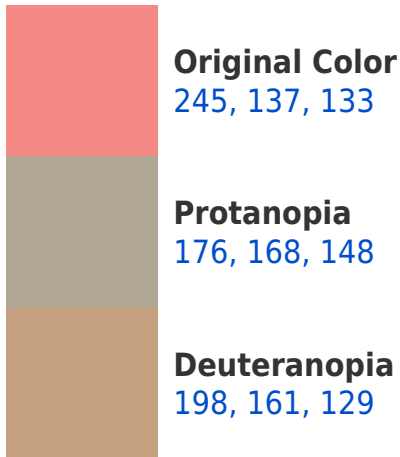


This preview shows how white text looks on a background with the RGB color 245, 137, 133.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
246, 135, 145

Trichromacy



Original Color

245, 137, 133



Protanomaly

201, 157, 143



Deuteranomaly

215, 152, 130



Tritanomaly

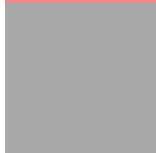
246, 136, 141

Monochromacy



Original Color

245, 137, 133



Achromatopsia

169, 169, 169



Achromatomaly

197, 157, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 137, 133 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(245, 137, 133)` looks like.

```
.text, #text, p{  
    color:rgb(245, 137, 133)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(245, 137, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 137, 133) }
```

Border

The CSS property to change the border of an element to RGB 245, 137, 133 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 137, 133) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(245, 137, 133) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(245, 137, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 137, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 137, 133);  
box-shadow:4px 4px 4px 4px rgb(245, 137,  
133) }
```

Background

The CSS property to change the background color of an element to RGB 245, 137, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 137, 133) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(245,  
137, 133) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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