

Converting Colors

RGB(245, 193, 161)

Have a look what the booklet for
RGB(245, 193, 161) contains.

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Color

RGB(245, 193, 161)

Conversions

Conversions Part 1

Format	Color
Hex	F5C1A1
RGB	245, 193, 161
RGB Percent	96%, 76%, 63%
CMY	0.0392, 0.2431, 0.3686
CMYK	0.00, 0.21, 0.34, 0.04
HSL	23°, 81%, 80%
HSV	23°, 34%, 96%
XYZ	63.1592, 60.1256, 41.9948
YIQ	204.9000, 41.2640, 1.0720

Conversions

Conversions Part 2

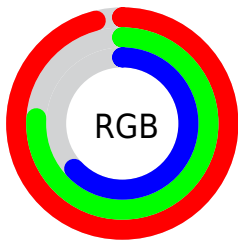
Format	Color
R _Y B	245, 213, 161
Decimal	16105889
CIE Lab	81.91, 14.31, 23.22
CIE LCh	82, 27.275, 58.363
Yxy	60.1256, 0.3821, 0.3638
Android (android.graphics.Color)	4294295969 (0xFFF5C1A1)
YUV	204.9000, -21.6427, 35.1677
Hunter-Lab	77.5407, 9.6972, 22.1680

Details

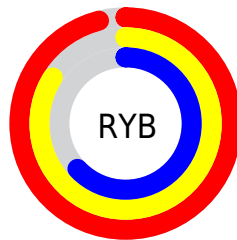
The RGB color **245, 193, 161** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **161, 213, 245**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 250, 216**, and **187, 139, 109** is the 20% darker color. If you saturate the color by 10%, you get **245, 178, 137**, and if you desaturate by 10%, it is **245, 208, 186**.

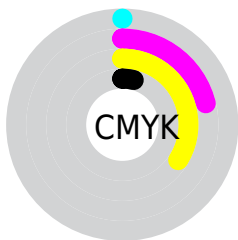
Distribution



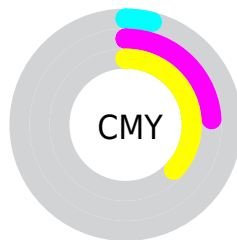
- Red (96%)
- Green (76%)
- Blue (63%)



- Red (96%)
- Yellow (84%)
- Blue (63%)



- Cyan (0%)
- Magenta (21%)
- Yellow (34%)
- Black (4%)



- Cyan (4%)
- Magenta (24%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the RGB color 245, 193, 161 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, 193, 161 by changing the saturation by 10% instead.

 245, 193, 161

 245, 193, 161

255, 255, 255

 216, 166, 135

 255, 250, 216

 187, 139, 109

 255, 255, 244

 159, 114, 85

 132, 89, 61

 106, 66, 39

 80, 43, 18

 55, 22, 0

 32, 0, 0


 0, 0, 0

 245, 193, 161


 245, 193, 161

 245, 178, 137


 245, 208, 186

 245, 163, 112


 245, 223, 210

 245, 147, 87


 245, 238, 235

 245, 132, 63

 245, 254, 255

 245, 117, 38

 245, 255, 255

 245, 102, 14

 245, 93, 0

Harmonies

Analogous

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



255, 187, 181



245, 193, 161



224, 201, 153

Triad

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



245, 193, 161



142, 218, 201



206, 198, 249

Complementary

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



245, 193, 161



161, 213, 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.



171, 206, 254



245, 193, 161



130, 217, 227

Square

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



245, 193, 161



167, 215, 176



141, 213, 246



235, 190, 231

Rectangle

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



245, 193, 161



206, 207, 155



141, 213, 246



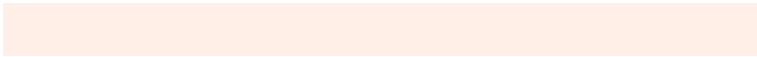
194, 201, 252

Sweetspot

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



245, 193, 161



255, 239, 230



245, 161, 214



128, 118, 112



0, 0, 0



128, 128, 128

Same Dimension

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



245, 193, 161



255, 190, 150



245, 234, 161



122, 115, 110



186, 71, 0



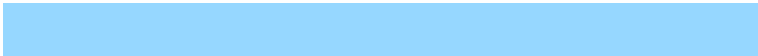
59, 22, 0

Inverse Universe

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



161, 213, 245



150, 215, 255



161, 172, 245



110, 118, 122



0, 115, 186



0, 36, 59

Previews

White Background



This preview shows how the RGB color 245, 193, 161 looks on a white background.

Color Contrast Check

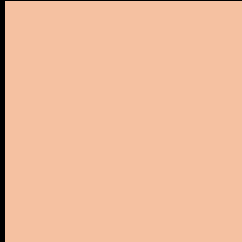
Large Text (above 18pt) WCAG AA × Fail

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, 193, 161 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, 193, 161 Background



This preview shows how black text looks on a background with the RGB color 245, 193, 161.







This preview shows how white text looks on a background with the RGB color 245, 193, 161.

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](#).

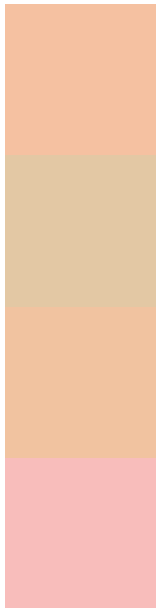
Dichromacy

	Original Color 245, 193, 161
	Protanopia 216, 204, 166
	Deuteranopia 238, 196, 160



Tritanopia
249, 187, 202

Trichromacy



Original Color

245, 193, 161

Protanomaly

227, 200, 164

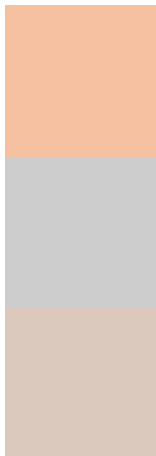
Deuteranomaly

241, 195, 160

Tritanomaly

248, 189, 187

Monochromacy



Original Color

245, 193, 161

Achromatopsia

205, 205, 205

Achromatomaly

220, 201, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 193, 161 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, 193, 161)` looks like.

```
.text, #text, p{  
    color:rgb(245, 193, 161)  
}
```

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, 193, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 193, 161) }
```

Border

The CSS property to change the border of an element to RGB 245, 193, 161 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, 193, 161) }
```

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

```
.border{ border-color:rgb(245, 193, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 193, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 193, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 193, 161);  
box-shadow:4px 4px 4px 4px rgb(245, 193,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 245, 193, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 193, 161) }
```

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

```
.background{ background-color: rgb(245,  
193, 161) }
```

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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