

Converting Colors

RGB(215, 191, 158)

Have a look what the booklet for
RGB(215, 191, 158) contains.

RGB(215, 191, 158)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(215, 191, 158)

Conversions

Conversions Part 1

Format	Color
Hex	D7BF9E
RGB	215, 191, 158
RGB Percent	84%, 75%, 62%
CMY	0.1569, 0.2510, 0.3804
CMYK	0.00, 0.11, 0.27, 0.16
HSL	35°, 42%, 73%
HSV	35°, 27%, 84%
XYZ	52.8267, 54.1773, 40.0208
YIQ	194.4140, 24.8970, -5.1750

Conversions

Conversions Part 2

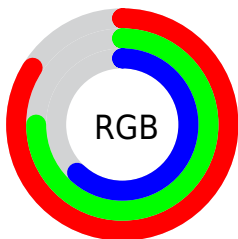
Format	Color
RYB	199, 215, 158
Decimal	14139294
CIELab	78.57, 3.49, 19.78
CIELCh	79, 20.084, 80.002
Yxy	54.1773, 0.3593, 0.3685
Android (android.graphics.Color)	4292329374 (0xFFD7BF9E)
YUV	194.4140, -17.9521, 18.0539
Hunter-Lab	73.6052, -0.6992, 19.2864

Details

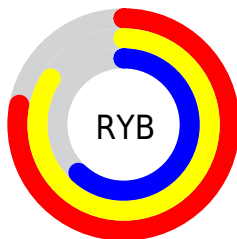
The RGB color **215, 191, 158** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **158, 182, 215**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 247, 213**, and **160, 138, 106** is the 20% darker color. If you saturate the color by 10%, you get **215, 182, 137**, and if you desaturate by 10%, it is **215, 200, 180**.

Distribution



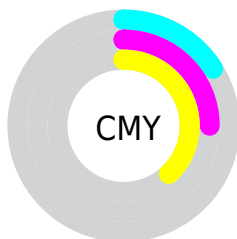
- Red (84%)
- Green (75%)
- Blue (62%)



- Red (78%)
- Yellow (84%)
- Blue (62%)



- Cyan (0%)
- Magenta (11%)
- Yellow (27%)
- Black (16%)



- Cyan (16%)
- Magenta (25%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 215, 191, 158 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 215, 191, 158 by changing the saturation by 10% instead.


 215, 191, 158

255, 255, 255


 255, 247, 213

 255, 255, 241

 215, 191, 158

 187, 164, 132

 160, 138, 106

 133, 112, 82

 107, 88, 59

 82, 65, 37

 58, 43, 16

 36, 22, 0

 0, 0, 0

 215, 191, 158


 215, 191, 158

 215, 182, 137

 215, 200, 180

 215, 173, 115


 215, 209, 201

 215, 164, 94


 215, 218, 223

 215, 155, 72


 215, 227, 244

 215, 146, 51


 215, 236, 255

 215, 137, 29

 215, 245, 255

 215, 128, 8

 215, 254, 255

 215, 124, 0

 215, 255, 255

Harmonies

Analogous

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



229, 185, 167



215, 191, 158



196, 197, 159

Triad

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



215, 191, 158



145, 205, 206



213, 186, 219

Complementary

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



215, 191, 158



158, 182, 215

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.



190, 192, 229



215, 191, 158



148, 203, 222

Square

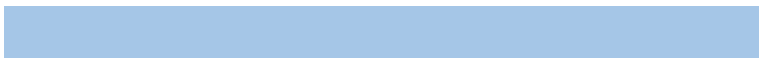
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



215, 191, 158



155, 205, 187



165, 198, 231



228, 182, 201

Rectangle

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



215, 191, 158



181, 201, 165



165, 198, 231



206, 188, 223

Sweetspot

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



215, 191, 158



255, 246, 235



215, 158, 183



128, 122, 115



0, 0, 0



128, 128, 128

Same Dimension

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



215, 191, 158



255, 221, 173



211, 215, 158



107, 103, 96



171, 99, 0



43, 25, 0

Inverse Universe

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



158, 182, 215



173, 208, 255



162, 158, 215



96, 101, 107



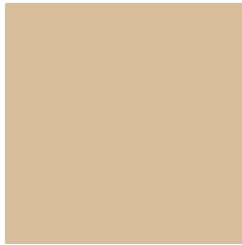
0, 72, 171



0, 18, 43

Previews

White Background



This preview shows how the RGB color 215, 191, 158 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 215, 191, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

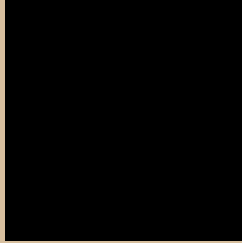
Any Text WCAG AA ✓ Pass

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 215, 191, 158 Background



This preview shows how black text looks on a background with the RGB color 215, 191, 158.



This preview shows how white text looks on a background with the RGB color 215, 191, 158.

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
215, 191, 158

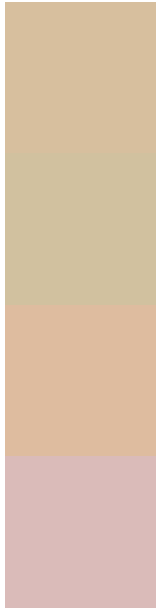
Protanopia
206, 194, 159

Deuteranopia
226, 187, 159



Tritanopia
220, 185, 200

Trichromacy



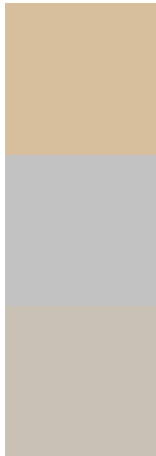
Original Color
215, 191, 158

Protanomaly
209, 193, 159

Deuteranomaly
222, 188, 159

Tritanomaly
218, 187, 185

Monochromacy



Original Color
215, 191, 158

Achromatopsia
194, 194, 194

Achromatomaly
202, 193, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 215, 191, 158 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(215, 191, 158)` looks like.

```
.text, #text, p{  
    color:rgb(215, 191, 158)  
}
```

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(215, 191, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 191, 158) }
```

Border

The CSS property to change the border of an element to RGB 215, 191, 158 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(215, 191, 158) }
```

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

```
.border{ border-color:rgb(215, 191, 158) }
```

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

Here you see how a box with a 4 pixel rgb(215, 191, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 191, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 191, 158);  
box-shadow:4px 4px 4px 4px rgb(215, 191,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 215, 191, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 191, 158) }
```

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

```
.background{ background-color: rgb(215,  
191, 158) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor