Converting Colors

RGB(213, 185, 151)

Have a look what the booklet for RGB(213, 185, 151) contains.

Color

RGB(213, 185, 151)

Conversions

Conversions Part 1

Format	Color
Hex	D5B997
RGB	213, 185, 151
RGB Percent	84%, 73%, 59%
CMY	0.1647, 0.2745, 0.4078
CMYK	0.00, 0.13, 0.29, 0.16
HSL	33°, 42%, 71%
HSV	33°, 29%, 84%
XYZ	50.3754, 51.0784, 36.4822
YIQ	189.4960, 27.6020, -4.6380

Conversions

Conversions Part 2

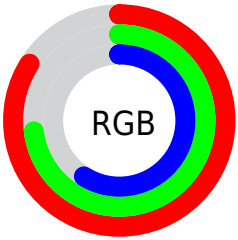
Format	Color
RYB	202, 213, 151
Decimal	14006679
CIELab	76.73, 4.95, 20.96
CIELCh	77, 21.539, 76.709
Yxy	51.0784, 0.3652, 0.3703
Android (android.graphics.Color)	4292196759 (0xFFD5B997)
YUV	189.4960, -18.9785, 20.6130
Hunter-Lab	71.4692, 0.7457, 19.7632

Details

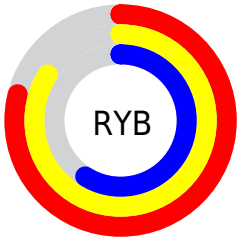
The RGB color 213, 185, 151 is a light color, and the websafe version is hex CCCC99. A complement of this color would be 151, 179, 213, and the grayscale version is 190, 190, 190.

A 20% lighter version of the original color is 255, 241, 205, and 157, 132, 100 is the 20% darker color. If you saturate the color by 10%, you get 213, 175, 130, and if you desaturate by 10%, it is 213, 195, 172.

Distribution

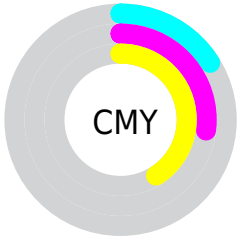


- Red (84%)
- Green (73%)
- Blue (59%)



- Red (79%)
- Yellow (84%)
- Blue (59%)

- Cyan (0%)
- Magenta (13%)
- Yellow (29%)
- Black (16%)



- Cyan (16%)
- Magenta (27%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 213, 185, 151 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 213, 185, 151 by changing the saturation by 10% instead.

213, 185, 151

255, 255, 255

255, 241, 205

255, 255, 234

213, 185, 151

185, 158, 125

157, 132, 100

131, 107, 76

105, 83, 53

80, 60, 31

56, 38, 8

33, 18, 0

0, 0, 0

213, 185, 151

213, 185, 151

213, 175, 130

213, 166, 108

213, 156, 87

213, 147, 66

213, 137, 45

213, 127, 23

213, 118, 2

213, 117, 0

213, 195, 172

213, 204, 194

213, 214, 215

213, 223, 236

213, 233, 255

213, 243, 255

213, 252, 255

213, 255, 255

Harmonies

Analogous

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

227, 179, 161

213, 185, 151

193, 192, 151

Triad

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

213, 185, 151

136, 201, 200

206, 181, 217

Complementary

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

213, 185, 151

151, 179, 213

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.

181, 187, 227

213, 185, 151

138, 199, 218

Square

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

213, 185, 151

149, 200, 180

155, 194, 228

224, 176, 199

Rectangle

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

213, 185, 151

178, 195, 157

155, 194, 228

198, 183, 221

Sweetspot

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

213, 185, 151

255, 245, 232

213, 151, 180

128, 121, 113

0, 0, 0

128, 128, 128

Same Dimension

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

213, 185, 151

255, 215, 166

211, 213, 151

107, 102, 96

171, 94, 0

43, 24, 0

Inverse Universe

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

151, 179, 213

166, 206, 255

153, 151, 213

96, 101, 107

0, 77, 171

0, 20, 43

Previews

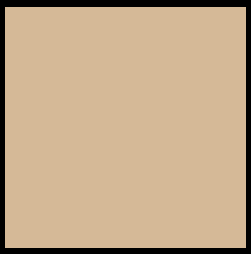
White Background

This preview shows how the RGB color 213, 185, 151 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



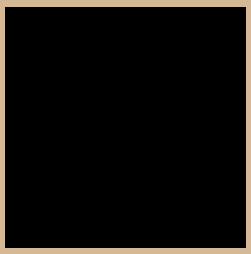
This preview shows how the RGB color 213, 185, 151 looks on a black background.

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 213, 185, 151 Background



This preview shows how black text looks on a background with the RGB color 213, 185, 151.

This preview shows how white text looks on a background with the RGB color 213, 185, 151.

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

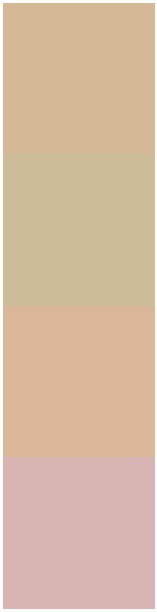
Original Color
213, 185, 151

Protanopia
201, 189, 153

Deuteranopia
221, 182, 152

Tritanopia
218, 179, 193

Trichromacy



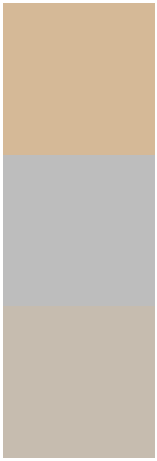
Original Color
213, 185, 151

Protanomaly
205, 188, 152

Deuteranomaly
218, 183, 152

Tritanomaly
216, 181, 178

Monochromacy



Original Color
213, 185, 151

Achromatopsia
189, 189, 189

Achromatomaly
198, 188, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 185, 151 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(213, 185, 151) looks like.

```
.text, #text, p{
    color:rgb(213, 185, 151)
}
```

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(213, 185, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 185, 151) }
```

Border

The CSS property to change the border of an element to RGB 213, 185, 151 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(213, 185, 151) }
```

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

```
.border{ border-color:rgb(213, 185, 151) }
```

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

Here you see how a box with a 4 pixel rgb(213, 185, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 185, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 185, 151); box-shadow:4px 4px 4px 4px rgb(213, 185, 151) }
```

Background

The CSS property to change the background color of an element to RGB 213, 185, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(213, 185, 151) }
```

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

```
.background{ background-color:rgb(213,
185, 151) }
```

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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