Converting Colors

RGB(210, 187, 153)

Have a look what the booklet for RGB(210, 187, 153) contains.

Color

RGB(210, 187, 153)

Conversions

Conversions Part 1

Format	Color
Hex	D2BB99
RGB	210, 187, 153
RGB Percent	82%, 73%, 60%
CMY	0.1765, 0.2667, 0.4000
CMYK	0.00, 0.11, 0.27, 0.18
HSL	36°, 39%, 71%
HSV	36°, 27%, 82%
XYZ	50.0984, 51.5422, 37.4452
YIQ	190.0010, 24.6220, -5.6980

Conversions

Conversions Part 2

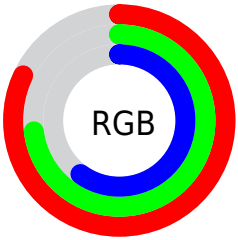
Format	Color
RYB	192, 210, 153
Decimal	13810585
CIELab	77.01, 3.00, 20.23
CIELCh	77, 20.455, 81.558
Yxy	51.5422, 0.3602, 0.3706
Android (android.graphics.Color)	4292000665 (0xFFD2BB99)
YUV	190.0010, -18.2415, 17.5391
Hunter-Lab	71.7929, -1.0769, 19.3310

Details

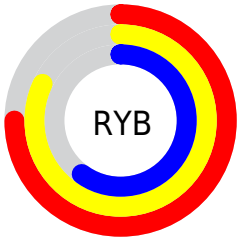
The RGB color 210, 187, 153 is a light color, and the websafe version is hex CCCC99. A complement of this color would be 153, 176, 210, and the grayscale version is 190, 190, 190.

A 20% lighter version of the original color is 255, 243, 207, and 155, 134, 102 is the 20% darker color. If you saturate the color by 10%, you get 210, 179, 132, and if you desaturate by 10%, it is 210, 195, 174.

Distribution

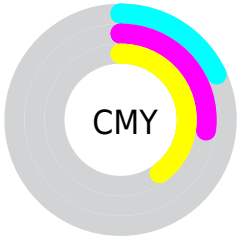


- Red (82%)
- Green (73%)
- Blue (60%)



- Red (75%)
- Yellow (82%)
- Blue (60%)

- Cyan (0%)
- Magenta (11%)
- Yellow (27%)
- Black (18%)



- Cyan (18%)
- Magenta (27%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 210, 187, 153 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 210, 187, 153 by changing the saturation by 10% instead.

210, 187, 153	210, 187, 153
255, 255, 255	182, 160, 127
255, 243, 207	155, 134, 102
255, 255, 236	128, 109, 78
	103, 84, 55
	78, 61, 33
	54, 40, 11
	32, 19, 0
	0, 0, 0

210, 187, 153	210, 187, 153

210, 179, 132	210, 195, 174
210, 170, 111	210, 204, 195
210, 162, 90	210, 212, 216
210, 153, 69	210, 221, 237
210, 145, 48	210, 229, 255
210, 136, 27	210, 238, 255
210, 128, 6	210, 246, 255
210, 125, 0	210, 255, 255
	210, 255, 255

Harmonies

Analogous

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

224, 181, 161

210, 187, 153

190, 193, 155

Triad

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

210, 187, 153

139, 201, 203

210, 181, 214

Complementary

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

210, 187, 153

153, 176, 210

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.

187, 187, 225

210, 187, 153

143, 198, 219

Square

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

210, 187, 153

149, 201, 184

162, 193, 227

225, 177, 196

Rectangle

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

210, 187, 153

176, 197, 161

162, 193, 227

203, 183, 219

Sweetspot

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

210, 187, 153

255, 247, 235

210, 153, 177

128, 122, 115

0, 0, 0

128, 128, 128

Same Dimension

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

210, 187, 153

255, 221, 171

205, 210, 153

105, 100, 94

168, 100, 0

41, 24, 0

Inverse Universe

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

153, 176, 210

171, 205, 255

158, 153, 210

94, 98, 105

0, 68, 168

0, 16, 41

Previews

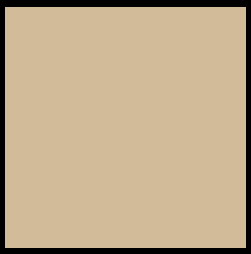
White Background

This preview shows how the RGB color 210, 187, 153 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



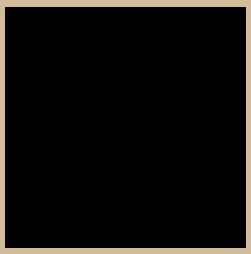
This preview shows how the RGB color 210, 187, 153 looks on a black background.

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 210, 187, 153 Background



This preview shows how black text looks on a background with the RGB color 210, 187, 153.

This preview shows how white text looks on a background with the RGB color 210, 187, 153.

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

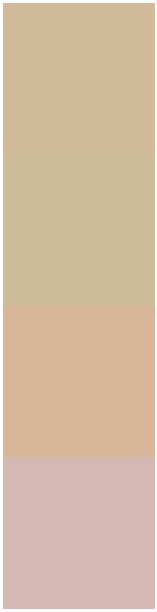
Original Color
210, 187, 153

Protanopia
202, 190, 154

Deuteranopia
221, 183, 154

Tritanopia
215, 181, 195

Trichromacy



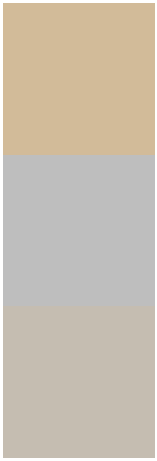
Original Color
210, 187, 153

Protanomaly
205, 189, 154

Deuteranomaly
217, 184, 154

Tritanomaly
213, 183, 180

Monochromacy



Original Color
210, 187, 153

Achromatopsia
190, 190, 190

Achromatomaly
197, 189, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 210, 187, 153 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(210, 187, 153) looks like.

```
.text, #text, p{
    color:rgb(210, 187, 153)
}
```

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(210, 187, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 187, 153) }
```

Border

The CSS property to change the border of an element to RGB 210, 187, 153 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(210, 187, 153) }
```

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

```
.border{ border-color:rgb(210, 187, 153) }
```

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

Here you see how a box with a 4 pixel rgb(210, 187, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 187, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 187, 153); box-shadow:4px 4px 4px 4px rgb(210, 187, 153) }
```

Background

The CSS property to change the background color of an element to RGB 210, 187, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(210, 187, 153) }
```

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

```
.background{ background-color:rgb(210,
187, 153) }
```

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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