Converting Colors

RGB(206, 185, 161)

Have a look what the booklet for RGB(206, 185, 161) contains.

Color

RGB(206, 185, 161)

Conversions

Conversions Part 1

Format	Color
Hex	CEB9A1
RGB	206, 185, 161
RGB Percent	81%, 73%, 63%
CMY	0.1922, 0.2745, 0.3686
CMYK	0.00, 0.10, 0.22, 0.19
HSL	32°, 31%, 72%
HSV	32°, 22%, 81%
XYZ	49.2356, 50.3929, 40.8500
YIQ	188.5430, 20.2200, -3.0120

Conversions

Conversions Part 2

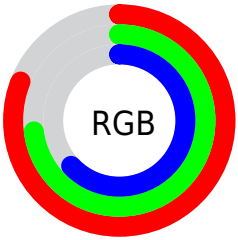
Format	Color
RYB	200, 206, 161
Decimal	13547937
CIELab	76.31, 3.67, 14.91
CIELCh	76, 15.353, 76.160
Yxy	50.3929, 0.3505, 0.3587
Android (android.graphics.Color)	4291738017 (0xFFCEB9A1)
YUV	188.5430, -13.5787, 15.3098
Hunter-Lab	70.9880, -0.4256, 15.5732

Details

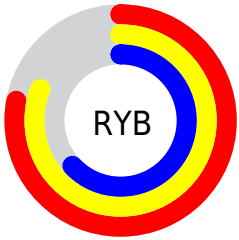
The RGB color 206, 185, 161 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 161, 182, 206, and the grayscale version is 189, 189, 189.

A 20% lighter version of the original color is 255, 241, 216, and 151, 132, 109 is the 20% darker color. If you saturate the color by 10%, you get 206, 175, 140, and if you desaturate by 10%, it is 206, 195, 182.

Distribution

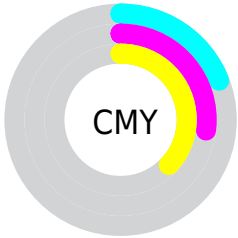


- Red (81%)
- Green (73%)
- Blue (63%)



- Red (78%)
- Yellow (81%)
- Blue (63%)

- Cyan (0%)
- Magenta (10%)
- Yellow (22%)
- Black (19%)



- Cyan (19%)
- Magenta (27%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 206, 185, 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 206, 185, 161 by changing the saturation by 10% instead.

206, 185, 161

255, 255, 255

255, 241, 216

255, 255, 244

206, 185, 161

178, 158, 135

151, 132, 109

125, 107, 85

100, 83, 62

75, 60, 40

52, 38, 19

31, 17, 0

0, 0, 0

206, 185, 161

206, 185, 161

206, 175, 140

206, 166, 120

206, 156, 99

206, 147, 79

206, 137, 58

206, 127, 37

206, 118, 17

206, 110, 0

206, 195, 182

206, 204, 202

206, 214, 223

206, 223, 243

206, 233, 255

206, 243, 255

206, 252, 255

206, 255, 255

Harmonies

Analogous

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

216, 181, 168

206, 185, 161

191, 190, 161

Triad

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

206, 185, 161

152, 197, 196

200, 182, 208

Complementary

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

206, 185, 161

161, 182, 206

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.

183, 187, 215

206, 185, 161

154, 195, 208

Square

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

206, 185, 161

161, 196, 181

165, 191, 215

213, 179, 195

Rectangle

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

206, 185, 161

181, 192, 165

165, 191, 215

195, 184, 211

Sweetspot

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

206, 185, 161

255, 247, 237

206, 161, 182

128, 123, 117

0, 0, 0

128, 128, 128

Same Dimension

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

206, 185, 161

255, 224, 189

205, 206, 161

102, 97, 92

166, 88, 0

38, 20, 0

Inverse Universe

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

161, 182, 206

189, 220, 255

163, 161, 206

92, 97, 102

0, 77, 166

0, 18, 38

Previews

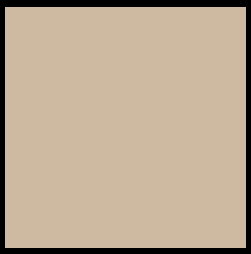
White Background

This preview shows how the RGB color 206, 185, 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



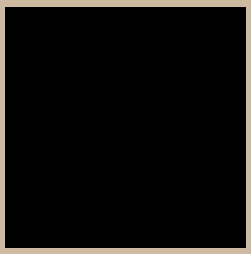
This preview shows how the RGB color 206, 185, 161 looks on a black background.

Color Contrast Check

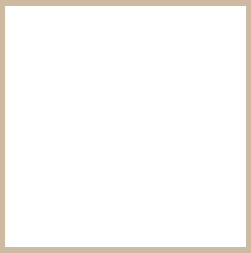
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 206, 185, 161 Background



This preview shows how black text looks on a background with the RGB color 206, 185, 161.



This preview shows how white text looks on a background with the RGB color 206, 185, 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

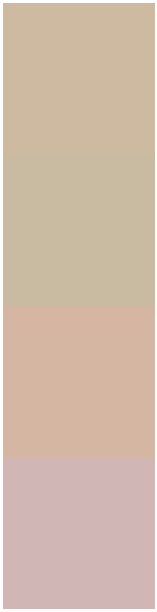
Original Color
206, 185, 161

Protanopia
198, 188, 162

Deuteranopia
216, 181, 162

Tritanopia
210, 180, 194

Trichromacy



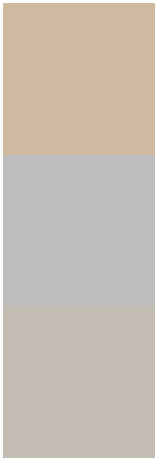
Original Color
206, 185, 161

Protanomaly
201, 187, 162

Deuteranomaly
212, 182, 162

Tritanomaly
209, 182, 182

Monochromacy



Original Color
206, 185, 161

Achromatopsia
189, 189, 189

Achromatomaly
195, 188, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 206, 185, 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(206, 185, 161) looks like.

```
.text, #text, p{
    color:rgb(206, 185, 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(206, 185, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 185, 161) }
```

Border

The CSS property to change the border of an element to RGB 206, 185, 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(206, 185, 161) }
```

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

```
.border{ border-color:rgb(206, 185, 161) }
```

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

Here you see how a box with a 4 pixel rgb(206, 185, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 185, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 185, 161); box-shadow:4px 4px 4px 4px rgb(206, 185, 161) }
```

Background

The CSS property to change the background color of an element to RGB 206, 185, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(206, 185, 161) }
```

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

```
.background{ background-color:rgb(206,
185, 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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