Converting Colors

RGB(221, 180, 158)

Have a look what the booklet for RGB(221, 180, 158) contains.

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Color

RGB(221, 180, 158)

Conversions

Format	Color
	Conversions Part 1
Hex	DDB49E
RGB	221, 180, 158
RGB Percent	87%, 71%, 62%
CMY	0.1333, 0.2941, 0.3804
CMYK	0.00, 0.19, 0.29, 0.13
HSL	21°, 48%, 74%
HSV	21°, 29%, 87%
XYZ	52.3116, 50.4833, 39.3349
YIQ	189.7510, 31.4980, 1.8500

Conversions

Conversions Part 2

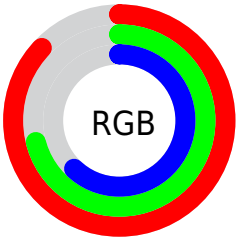
Format	Color
RYB	221, 192, 158
Decimal	14529694
CIELab	76.36, 11.63, 16.81
CIELCh	76, 20.439, 55.322
Yxy	50.4833, 0.3681, 0.3552
Android (android.graphics.Color)	4292719774 (0xFFDDB49E)
YUV	189.7510, -15.6532, 27.4054
Hunter-Lab	71.0516, 7.0800, 16.9126

Details

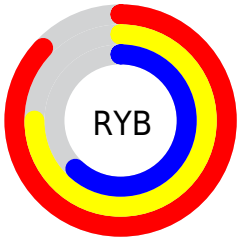
The RGB color 221, 180, 158 is a light color, and the websafe version is hex CC9999. A complement of this color would be 158, 199, 221, and the grayscale version is 190, 190, 190.

A 20% lighter version of the original color is 255, 236, 213, and 165, 127, 107 is the 20% darker color. If you saturate the color by 10%, you get 221, 166, 136, and if you desaturate by 10%, it is 221, 194, 180.

Distribution

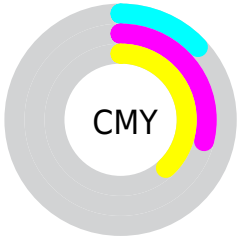


- Red (87%)
- Green (71%)
- Blue (62%)



- Red (87%)
- Yellow (75%)
- Blue (62%)

- Cyan (0%)
- Magenta (19%)
- Yellow (29%)
- Black (13%)



- Cyan (13%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 180, 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 221, 180, 158 by changing the saturation by 10% instead.

221, 180, 158	221, 180, 158
255, 255, 255	193, 153, 132
255, 236, 213	165, 127, 107
255, 255, 241	138, 102, 82
	112, 78, 59
	86, 55, 37
	62, 34, 17
	39, 13, 0
	0, 0, 0

221, 180, 158	221, 180, 158

221, 166, 136

221, 151, 114

221, 137, 92

221, 122, 70

221, 108, 48

221, 94, 25

221, 79, 3

221, 77, 0

221, 194, 180

221, 209, 202

221, 223, 224

221, 238, 246

221, 252, 255

221, 255, 255

Harmonies

Analogous

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

228, 176, 173

221, 180, 158

206, 186, 151

Triad

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

221, 180, 158

146, 199, 185

188, 185, 222

Complementary

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

221, 180, 158

158, 199, 221

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.

163, 191, 226

221, 180, 158

137, 199, 204

Square

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

221, 180, 158

164, 197, 166

143, 196, 219

210, 179, 210

Rectangle

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

221, 180, 158

193, 190, 152

143, 196, 219

180, 187, 225

Sweetspot

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

221, 180, 158

255, 240, 232

221, 158, 200

128, 118, 113

0, 0, 0

128, 128, 128

Same Dimension

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

221, 180, 158

255, 199, 168

221, 211, 158

110, 103, 99

173, 61, 0

46, 16, 0

Inverse Universe

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

158, 199, 221

168, 225, 255

158, 169, 221

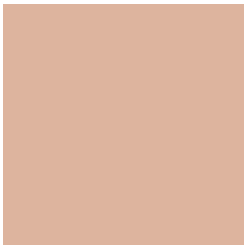
99, 106, 110

0, 113, 173

0, 30, 46

Previews

White Background

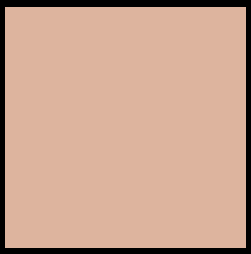


This preview shows how the RGB color 221, 180, 158 looks on a white background.

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



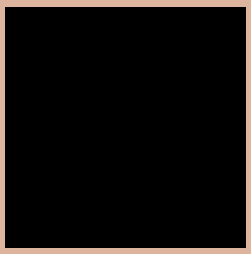
This preview shows how the RGB color 221, 180, 158 looks on a black background.

Color Contrast Check

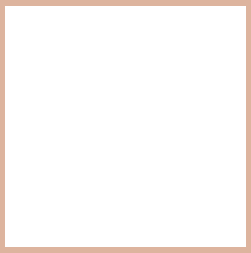
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 221, 180, 158 Background



This preview shows how black text looks on a background with the RGB color 221, 180, 158.



This preview shows how white text looks on a background with the RGB color 221, 180, 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

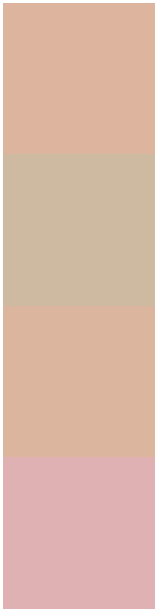
Original Color
221, 180, 158

Protanopia
198, 188, 162

Deuteranopia
218, 181, 158

Tritanopia
224, 176, 189

Trichromacy



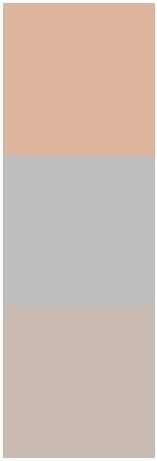
Original Color
221, 180, 158

Protanomaly
206, 185, 161

Deuteranomaly
219, 181, 158

Tritanomaly
223, 177, 178

Monochromacy



Original Color
221, 180, 158

Achromatopsia
190, 190, 190

Achromatomaly
201, 186, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 180, 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(221, 180, 158) looks like.

```
.text, #text, p{
    color:rgb(221, 180, 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(221, 180, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 180, 158) }
```

Border

The CSS property to change the border of an element to RGB 221, 180, 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(221, 180, 158) }
```

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

```
.border{ border-color:rgb(221, 180, 158) }
```

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

Here you see how a box with a 4 pixel rgb(221, 180, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 180, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 180, 158); box-shadow:4px 4px 4px 4px rgb(221, 180, 158) }
```

Background

The CSS property to change the background color of an element to RGB 221, 180, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(221, 180, 158) }
```

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

```
.background{ background-color:rgb(221,
180, 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.

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