Converting Colors

RGB(220, 175, 147)

Have a look what the booklet for RGB(220, 175, 147) contains.

RGB(220, 175, 147) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 11
- ***Previews*** 23
- ***Color Blindness Simulation*** 26
- ***CSS Examples*** 29

Color

RGB(220, 175, 147)

Conversions

Format	Color
	Conversions Part 1
Hex	DCAF93
RGB	220, 175, 147
RGB Percent	86%, 69%, 58%
CMY	0.1373, 0.3137, 0.4235
CMYK	0.00, 0.20, 0.33, 0.14
HSL	23°, 51%, 72%
HSV	23°, 33%, 86%
XYZ	50.1116, 47.9822, 34.2241
YIQ	185.2630, 35.8080, 0.8320

Conversions

Conversions Part 2

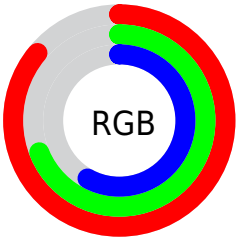
Format	Color
RYB	220, 192, 147
Decimal	14462867
CIELab	74.81, 12.49, 20.59
CIELCh	75, 24.083, 58.762
Yxy	47.9822, 0.3787, 0.3626
Android (android.graphics.Color)	4292652947 (0xFFDCAF93)
YUV	185.2630, -18.8637, 30.4643
Hunter-Lab	69.2692, 7.9118, 19.1948

Details

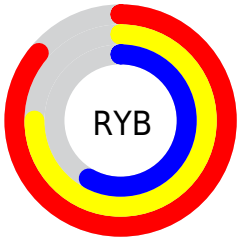
The RGB color 220, 175, 147 is a light color, and the websafe version is hex CC9966. A complement of this color would be 147, 192, 220, and the grayscale version is 185, 185, 185.

A 20% lighter version of the original color is 255, 231, 201, and 164, 123, 96 is the 20% darker color. If you saturate the color by 10%, you get 220, 161, 125, and if you desaturate by 10%, it is 220, 189, 169.

Distribution

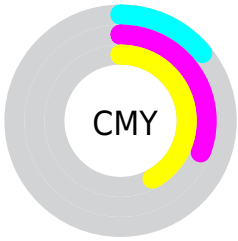


- Red (86%)
- Green (69%)
- Blue (58%)



- Red (86%)
- Yellow (75%)
- Blue (58%)

- Cyan (0%)
- Magenta (20%)
- Yellow (33%)
- Black (14%)



- Cyan (14%)
- Magenta (31%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 220, 175, 147 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 220, 175, 147 by changing the saturation by 10% instead.

220, 175, 147

255, 255, 255

255, 231, 201

255, 255, 229

220, 175, 147

192, 148, 121

164, 123, 96

137, 98, 72

110, 74, 50

84, 51, 28

60, 30, 4

37, 7, 0

0, 0, 0

220, 175, 147

220, 175, 147

220, 161, 125

220, 148, 103

220, 134, 81

220, 121, 59

220, 107, 37

220, 94, 15

220, 84, 0

220, 189, 169

220, 202, 191

220, 216, 213

220, 229, 235

220, 243, 255

220, 255, 255

Harmonies

Analogous

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

229, 170, 164

220, 175, 147

202, 182, 140

Triad

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

220, 175, 147

131, 197, 182

187, 179, 223

Complementary

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

220, 175, 147

147, 192, 220

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.

156, 186, 228

220, 175, 147

121, 196, 205

Square

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

220, 175, 147

152, 194, 161

131, 193, 221

212, 172, 207

Rectangle

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

220, 175, 147

186, 187, 142

131, 193, 221

177, 181, 226

Sweetspot

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

220, 175, 147

255, 239, 230

220, 147, 192

128, 118, 112

0, 0, 0

128, 128, 128

Same Dimension

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

220, 175, 147

255, 192, 153

220, 211, 147

110, 103, 99

173, 67, 0

46, 18, 0

Inverse Universe

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

147, 192, 220

153, 216, 255

147, 156, 220

99, 105, 110

0, 107, 173

0, 28, 46

Previews

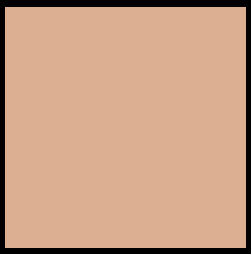
White Background

This preview shows how the RGB color 220, 175, 147 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



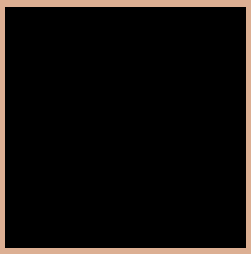
This preview shows how the RGB color 220, 175, 147 looks on a black background.

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 220, 175, 147 Background



This preview shows how black text looks on a background with the RGB color 220, 175, 147.

This preview shows how white text looks on a background with the RGB color 220, 175, 147.

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

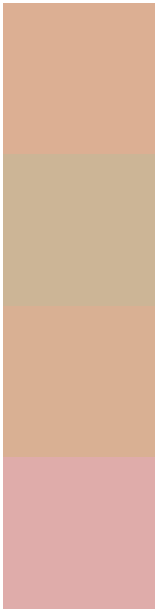
Original Color
220, 175, 147

Protanopia
195, 184, 151

Deuteranopia
215, 177, 147

Tritanopia
224, 170, 183

Trichromacy



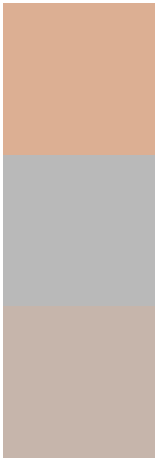
Original Color
220, 175, 147

Protanomaly
204, 181, 150

Deuteranomaly
217, 176, 147

Tritanomaly
223, 172, 170

Monochromacy



Original Color
220, 175, 147

Achromatopsia
185, 185, 185

Achromatomaly
198, 181, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 220, 175, 147 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(220, 175, 147) looks like.

```
.text, #text, p{
    color:rgb(220, 175, 147)
}
```

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(220, 175, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 175, 147) }
```

Border

The CSS property to change the border of an element to RGB 220, 175, 147 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(220, 175, 147) }
```

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

```
.border{ border-color:rgb(220, 175, 147) }
```

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

Here you see how a box with a 4 pixel rgb(220, 175, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 175, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 175, 147); box-shadow:4px 4px 4px 4px rgb(220, 175, 147) }
```

Background

The CSS property to change the background color of an element to RGB 220, 175, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(220, 175, 147) }
```

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

```
.background{ background-color:rgb(220,
175, 147) }
```

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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