Converting Colors

RGB(221, 168, 128)

Have a look what the booklet for RGB(221, 168, 128) contains.

Color

RGB(221, 168, 128)

Conversions

Conversions Part 1

Format	Color
Hex	DDA880
RGB	221, 168, 128
RGB Percent	87%, 66%, 50%
CMY	0.1333, 0.3412, 0.4980
CMYK	0.00, 0.24, 0.42, 0.13
HSL	26°, 58%, 68%
HSV	26°, 42%, 87%
XYZ	47.7177, 44.9359, 26.5806
YIQ	179.2870, 44.4280, -1.2040

Conversions

Conversions Part 2

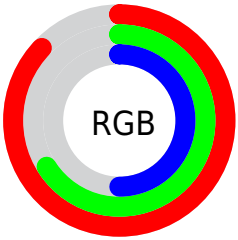
Format	Color
RYB	221, 198, 128
Decimal	14526592
CIELab	72.85, 14.42, 28.19
CIELCh	73, 31.665, 62.915
Yxy	44.9359, 0.4002, 0.3769
Android (android.graphics.Color)	4292716672 (0xFFDDA880)
YUV	179.2870, -25.2845, 36.5823
Hunter-Lab	67.0343, 9.7536, 23.4142

Details

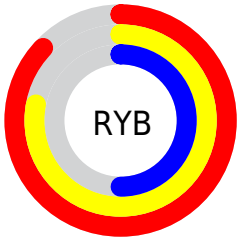
The RGB color 221, 168, 128 is a light color, and the websafe version is hex CC9966. A complement of this color would be 128, 181, 221, and the grayscale version is 180, 180, 180.

A 20% lighter version of the original color is 255, 223, 181, and 164, 116, 78 is the 20% darker color. If you saturate the color by 10%, you get 221, 155, 106, and if you desaturate by 10%, it is 221, 181, 150.

Distribution

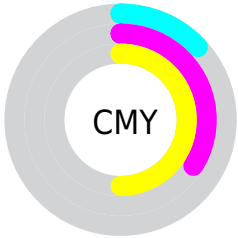


- Red (87%)
- Green (66%)
- Blue (50%)



- Red (87%)
- Yellow (78%)
- Blue (50%)

- Cyan (0%)
- Magenta (24%)
- Yellow (42%)
- Black (13%)



- Cyan (13%)
- Magenta (34%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 168, 128 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, 168, 128 by changing the saturation by 10% instead.

221, 168, 128

255, 255, 255

255, 223, 181

255, 252, 209

255, 255, 237

221, 168, 128

192, 142, 103

164, 116, 78

136, 91, 55

109, 68, 33

83, 45, 10

58, 24, 0

34, 0, 0

0, 0, 0

221, 168, 128

221, 168, 128

221, 155, 106

221, 143, 84

221, 130, 62

221, 118, 40

221, 105, 17

221, 95, 0

221, 181, 150

221, 193, 172

221, 206, 194

221, 218, 216

221, 231, 239

221, 244, 255

221, 255, 255

Harmonies

Analogous

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

235, 160, 149

221, 168, 128

196, 178, 121

Triad

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

221, 168, 128

100, 195, 181

187, 170, 227

Complementary

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

221, 168, 128

128, 181, 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.

145, 181, 236

221, 168, 128

84, 194, 209

Square

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

221, 168, 128

131, 192, 151

104, 189, 230

218, 161, 206

Rectangle

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

221, 168, 128

176, 184, 125

104, 189, 230

173, 174, 232

Sweetspot

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

221, 168, 128

255, 236, 222

221, 128, 182

128, 116, 107

0, 0, 0

128, 128, 128

Same Dimension

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

221, 168, 128

255, 182, 128

221, 213, 128

110, 103, 99

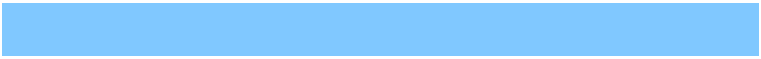
173, 75, 0

46, 20, 0

Inverse Universe

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

128, 181, 221



128, 200, 255

128, 136, 221

99, 105, 110

0, 99, 173

0, 26, 46

Previews

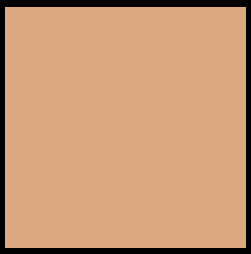
White Background

This preview shows how the RGB color 221, 168, 128 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



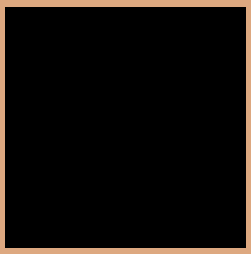
This preview shows how the RGB color 221, 168, 128 looks on a black background.

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, 168, 128 Background



This preview shows how black text looks on a background with the RGB color 221, 168, 128.

This preview shows how white text looks on a background with the RGB color 221, 168, 128.

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

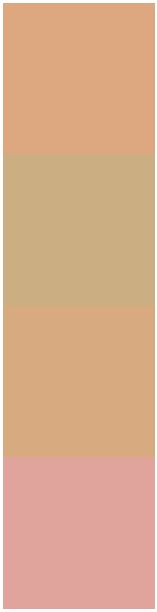
Original Color
221, 168, 128

Protanopia
192, 179, 133

Deuteranopia
213, 171, 127

Tritanopia
225, 162, 174

Trichromacy



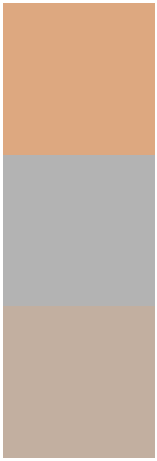
Original Color
221, 168, 128

Protanomaly
203, 175, 131

Deuteranomaly
216, 170, 127

Tritanomaly
224, 164, 157

Monochromacy



Original Color
221, 168, 128

Achromatopsia
179, 179, 179

Achromatomaly
194, 175, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 168, 128 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, 168, 128) looks like.

```
.text, #text, p{
    color:rgb(221, 168, 128)
}
```

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, 168, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 168, 128) }
```

Border

The CSS property to change the border of an element to RGB 221, 168, 128 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, 168, 128) }
```

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

```
.border{ border-color:rgb(221, 168, 128) }
```

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

Here you see how a box with a 4 pixel rgb(221, 168, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 168, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 168, 128); box-shadow:4px 4px 4px 4px rgb(221, 168, 128) }
```

Background

The CSS property to change the background color of an element to RGB 221, 168, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(221, 168, 128) }
```

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

```
.background{ background-color:rgb(221,
168, 128) }
```

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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