

Converting Colors

RGB(220, 173, 123)

Have a look what the booklet for
RGB(220, 173, 123) contains.

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Color

RGB(220, 173, 123)

Conversions

Conversions Part 1

Format	Color
Hex	DCAD7B
RGB	220, 173, 123
RGB Percent	86%, 68%, 48%
CMY	0.1373, 0.3216, 0.5176
CMYK	0.00, 0.21, 0.44, 0.14
HSL	31°, 58%, 67%
HSV	31°, 44%, 86%
XYZ	48.0339, 46.5328, 25.1890
YIQ	181.3530, 44.0620, -5.5860

Conversions

Conversions Part 2

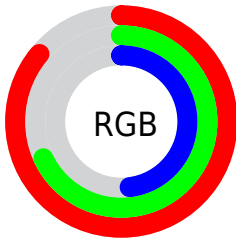
Format	Color
R_YB	214, 220, 123
Decimal	14462331
CIE Lab	73.89, 10.81, 32.21
CIE LCh	74, 33.972, 71.447
Yxy	46.5328, 0.4011, 0.3886
Android (android.graphics.Color)	4292652411 (0xFFDCAD7B)
YUV	181.3530, -28.7680, 33.8934
Hunter-Lab	68.2150, 6.3154, 25.8572

Details

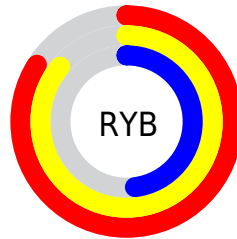
The RGB color **220, 173, 123** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **123, 170, 220**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **255, 228, 176**, and **163, 121, 73** is the 20% darker color. If you saturate the color by 10%, you get **220, 162, 101**, and if you desaturate by 10%, it is **220, 184, 145**.

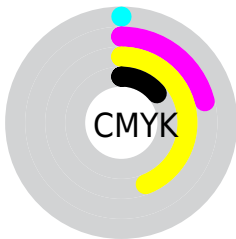
Distribution



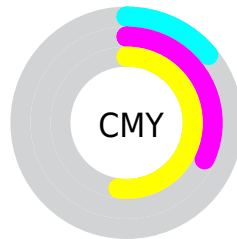
- Red (86%)
- Green (68%)
- Blue (48%)



- Red (84%)
- Yellow (86%)
- Blue (48%)



- Cyan (0%)
- Magenta (21%)
- Yellow (44%)
- Black (14%)





- Cyan (14%)
- Magenta (32%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the RGB color 220, 173, 123 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, 173, 123 by changing the saturation by 10% instead.


 220, 173, 123

 220, 173, 123

255, 255, 255

 191, 146, 98

 255, 228, 176

 163, 121, 73

 255, 255, 204

 135, 96, 50

 255, 255, 232

 108, 72, 27

 82, 50, 3


 57, 29, 0


 33, 5, 0


 0, 0, 0


 220, 173, 123


 220, 173, 123

 220, 162, 101


 220, 184, 145

 220, 152, 79


 220, 194, 167

 220, 141, 57

 220, 205, 189

 220, 130, 35

 220, 216, 211

 220, 120, 13

 220, 226, 233

 220, 113, 0

 220, 237, 255

 220, 248, 255

 220, 255, 255

Harmonies

Analogous

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



239, 163, 142



220, 173, 123



191, 184, 120

Triad

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



220, 173, 123



86, 199, 193



201, 169, 228

Complementary

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



220, 173, 123



123, 170, 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.



158, 181, 242



220, 173, 123



77, 196, 222

Square

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



220, 173, 123



119, 197, 161



110, 190, 240



231, 161, 202

Rectangle

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



220, 173, 123



169, 189, 128



110, 190, 240



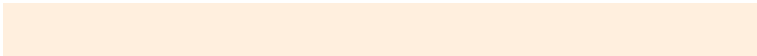
188, 173, 235

Sweetspot

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



220, 173, 123



255, 239, 222



220, 123, 172



128, 118, 107



0, 0, 0



128, 128, 128

Same Dimension

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



220, 173, 123



255, 190, 120



220, 220, 123



110, 104, 99



173, 89, 0



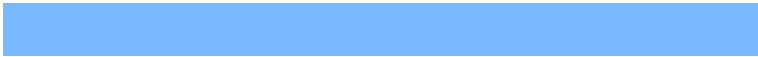
46, 24, 0

Inverse Universe

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



123, 170, 220



120, 185, 255



123, 123, 220



99, 104, 110



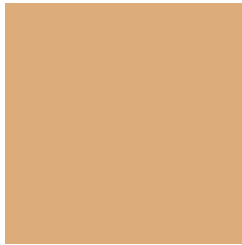
0, 84, 173



0, 22, 46

Previews

White Background



This preview shows how the RGB color 220, 173, 123 looks on a white background.

Color Contrast Check

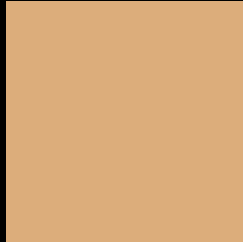
Large Text (above 18pt) WCAG AA × Fail

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, 173, 123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

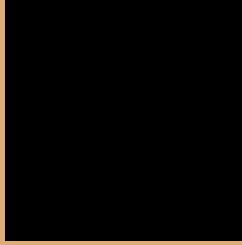
Any Text WCAG AA ✓ Pass

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, 173, 123 Background



This preview shows how black text looks on a background with the RGB color 220, 173, 123.



This preview shows how white text looks on a background with the RGB color 220, 173, 123.

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, 173, 123

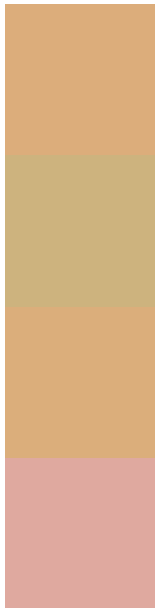
Protanopia
196, 182, 127

Deuteranopia
218, 174, 123



Tritanopia
225, 166, 179

Trichromacy



Original Color
220, 173, 123

Protanomaly
205, 179, 126

Deuteranomaly
219, 174, 123

Tritanomaly
223, 169, 159

Monochromacy



Original Color
220, 173, 123

Achromatopsia
181, 181, 181

Achromatomaly
195, 178, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 220, 173, 123 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, 173, 123)` looks like.

```
.text, #text, p{  
    color:rgb(220, 173, 123)  
}
```

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, 173, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 173, 123) }
```

Border

The CSS property to change the border of an element to RGB 220, 173, 123 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, 173, 123) }
```

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

```
.border{ border-color:rgb(220, 173, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 173, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 173, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 173, 123);  
box-shadow:4px 4px 4px 4px rgb(220, 173,  
123) }
```

Background

The CSS property to change the background color of an element to RGB 220, 173, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 173, 123) }
```

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

```
.background{ background-color: rgb(220,  
173, 123) }
```

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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