

Converting Colors

RGB(222, 214, 196)

Have a look what the booklet for
RGB(222, 214, 196) contains.

RGB(222, 214, 196)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(222, 214, 196)

Conversions

Conversions Part 1

Format	Color
Hex	DED6C4
RGB	222, 214, 196
RGB Percent	87%, 84%, 77%
CMY	0.1294, 0.1608, 0.2314
CMYK	0.00, 0.04, 0.12, 0.13
HSL	42°, 28%, 82%
HSV	42°, 12%, 87%
XYZ	64.1346, 67.6083, 61.8940
YIQ	214.3400, 10.5460, -3.9020

Conversions

Conversions Part 2

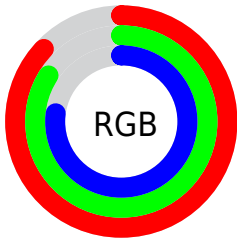
Format	Color
RYB	208, 222, 196
Decimal	14603972
CIELab	85.81, -0.28, 9.86
CIELCh	86, 9.863, 91.655
Yxy	67.6083, 0.3312, 0.3491
Android (android.graphics.Color)	4292794052 (0xFFDED6C4)
YUV	214.3400, -9.0416, 6.7178
Hunter-Lab	82.2242, -4.6631, 12.9266

Details

The RGB color **222, 214, 196** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **196, 204, 222**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **255, 255, 253**, and **167, 159, 142** is the 20% darker color. If you saturate the color by 10%, you get **222, 207, 174**, and if you desaturate by 10%, it is **222, 221, 218**.

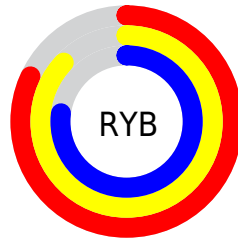
Distribution



Red (87%)

Green (84%)

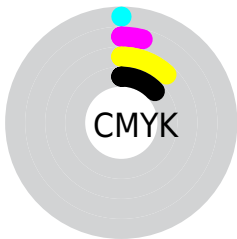
Blue (77%)



Red (82%)

Yellow (87%)

Blue (77%)

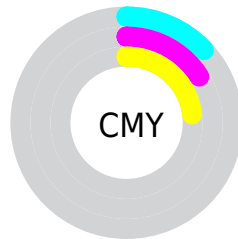


Cyan (0%)

Magenta (4%)

Yellow (12%)

Black (13%)



Cyan (13%)

Magenta (16%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 222, 214, 196 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 222, 214, 196 by changing the saturation by 10% instead.

■ 222, 214, 196

255, 255, 255

255, 255, 253

■ 222, 214, 196

■ 194, 186, 169

■ 167, 159, 142

■ 140, 133, 117

■ 115, 108, 92

■ 90, 84, 69

■ 66, 61, 46

■ 44, 39, 25

■ 25, 18, 0

■ 0, 0, 0

 222, 214, 196

 222, 214, 196

 222, 207, 174


 222, 221, 218

 222, 200, 152

 222, 228, 240

 222, 194, 129

 222, 234, 255

 222, 187, 107

 222, 241, 255

 222, 180, 85


 222, 248, 255

 222, 173, 63

 222, 255, 255

 222, 166, 41

 222, 255, 255

 222, 159, 18

 222, 154, 0

Harmonies

Analogous

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



231, 211, 198



222, 214, 196



211, 217, 199

Triad

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



222, 214, 196



192, 220, 224



227, 209, 224

Complementary

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



222, 214, 196



196, 204, 222

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.



217, 212, 230



222, 214, 196



196, 218, 231

Square

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



222, 214, 196



194, 220, 215



206, 215, 233



234, 208, 214

Rectangle

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



222, 214, 196



204, 219, 203



206, 215, 233



224, 210, 226

Sweetspot

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



222, 214, 196



255, 252, 245



222, 196, 204



128, 126, 121



0, 0, 0



128, 128, 128

Same Dimension

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



222, 214, 196



255, 244, 219



217, 222, 196



112, 109, 101



176, 122, 0



48, 34, 0

Inverse Universe

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



196, 204, 222



219, 230, 255



201, 196, 222



101, 104, 112



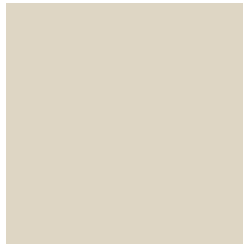
0, 54, 176



0, 15, 48

Previews

White Background



This preview shows how the RGB color 222, 214, 196 looks on a white background.

Color Contrast Check

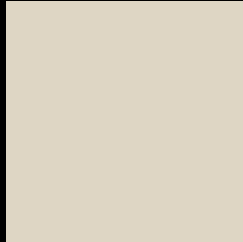
Large Text (above 18pt) WCAG AA × Fail

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 222, 214, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

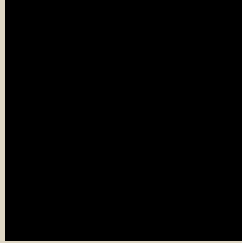
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

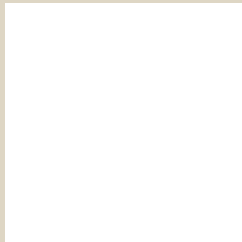
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 222, 214, 196 Background



This preview shows how black text looks on a background with the RGB color 222, 214, 196.

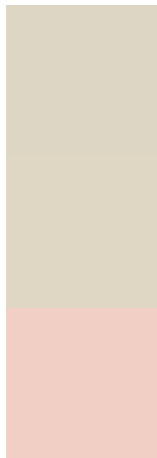


This preview shows how white text looks on a background with the RGB color 222, 214, 196.

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
222, 214, 196

Protanopia
223, 214, 196

Deuteranopia
242, 207, 197



Tritanopia
226, 210, 226

Trichromacy



Original Color

222, 214, 196

Protanomaly

223, 214, 196

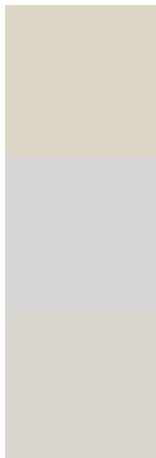
Deuteranomaly

235, 210, 197

Tritanomaly

225, 211, 215

Monochromacy



Original Color

222, 214, 196

Achromatopsia

214, 214, 214

Achromatomaly

217, 214, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 214, 196 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(222, 214, 196) looks like.

```
.text, #text, p{  
    color:rgb(222, 214, 196)  
}
```

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(222, 214, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 214, 196) }
```

Border

The CSS property to change the border of an element to RGB 222, 214, 196 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(222, 214, 196) }
```

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

```
.border{ border-color:rgb(222, 214, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 214, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 214, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 214, 196); box-shadow:4px 4px 4px 4px rgb(222, 214, 196) }
```

Background

The CSS property to change the background color of an element to RGB 222, 214, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 214, 196) }
```

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

```
.background{ background-color: rgb(222,  
214, 196) }
```

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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