

Converting Colors

RGB(217, 199, 166)

Have a look what the booklet for
RGB(217, 199, 166) contains.

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Color

RGB(217, 199, 166)

Conversions

Conversions Part 1

Format	Color
Hex	D9C7A6
RGB	217, 199, 166
RGB Percent	85%, 78%, 65%
CMY	0.1490, 0.2196, 0.3490
CMYK	0.00, 0.08, 0.24, 0.15
HSL	39°, 40%, 75%
HSV	39°, 24%, 85%
XYZ	55.9216, 58.3517, 44.3920
YIQ	200.6200, 21.3210, -6.4470

Conversions

Conversions Part 2

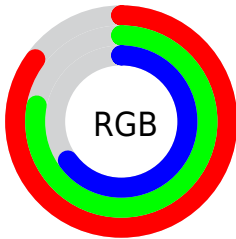
Format	Color
RYB	194, 217, 166
Decimal	14272422
CIELab	80.93, 1.15, 18.83
CIElCh	81, 18.861, 86.498
Yxy	58.3517, 0.3525, 0.3678
Android (android.graphics.Color)	4292462502 (0xFFD9C7A6)
YUV	200.6200, -17.0677, 14.3653
Hunter-Lab	76.3883, -3.0049, 19.0162

Details

The RGB color **217, 199, 166** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **166, 184, 217**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 255, 221**, and **162, 145, 114** is the 20% darker color. If you saturate the color by 10%, you get **217, 191, 144**, and if you desaturate by 10%, it is **217, 207, 188**.

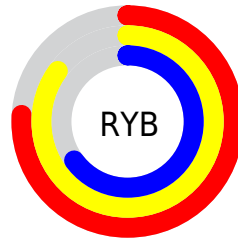
Distribution



Red (85%)

Green (78%)

Blue (65%)



Red (76%)

Yellow (85%)

Blue (65%)

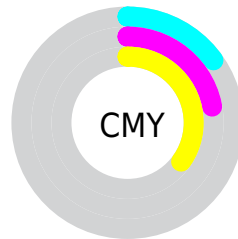


Cyan (0%)

Magenta (8%)

Yellow (24%)

Black (15%)



Cyan (15%)

Magenta (22%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 199, 166 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 217, 199, 166 by changing the saturation by 10% instead.

 217, 199, 166

255, 255, 255

 255, 255, 221

 255, 255, 250

 217, 199, 166

 189, 172, 140

 162, 145, 114

 135, 120, 89

 109, 95, 66


 84, 71, 43

 60, 49, 22

 39, 28, 0

 8, 2, 0

 0, 0, 0

 217, 199, 166

 217, 199, 166

 217, 191, 144

 217, 207, 188

 217, 184, 123

 217, 214, 209

 217, 176, 101

 217, 222, 231

 217, 168, 79

 217, 230, 253

 217, 161, 58

 217, 237, 255

 217, 153, 36

 217, 245, 255

 217, 145, 14

 217, 253, 255

 217, 140, 0

 217, 255, 255

Harmonies

Analogous

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



231, 193, 172



217, 199, 166



198, 205, 169

Triad

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



217, 199, 166



154, 211, 216



222, 192, 221

Complementary

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



217, 199, 166



166, 184, 217

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.



202, 197, 232



217, 199, 166



161, 208, 230

Square

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



217, 199, 166



161, 211, 198



179, 203, 236



235, 189, 204

Rectangle

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



217, 199, 166



184, 208, 176



179, 203, 236



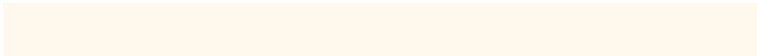
216, 193, 225

Sweetspot

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



217, 199, 166



255, 249, 237



217, 166, 185



128, 124, 117



0, 0, 0



128, 128, 128

Same Dimension

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



217, 199, 166



255, 230, 184



210, 217, 166



110, 106, 99



173, 112, 0



46, 30, 0

Inverse Universe

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



166, 184, 217



184, 209, 255



173, 166, 217



99, 103, 110



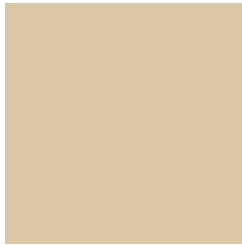
0, 61, 173



0, 16, 46

Previews

White Background



This preview shows how the RGB color 217, 199, 166 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 217, 199, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

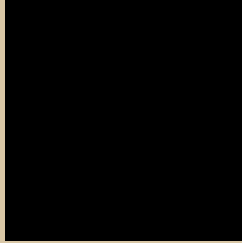
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

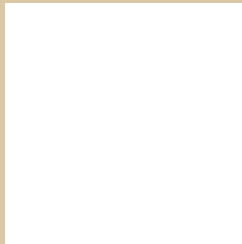
Any Text WCAG AAA ✓ Pass

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

RGB 217, 199, 166 Background



This preview shows how black text looks on a background with the RGB color 217, 199, 166.



This preview shows how white text looks on a background with the RGB color 217, 199, 166.

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
217, 199, 166

Protanopia
212, 201, 167

Deuteranopia
232, 193, 167



Tritanopia
222, 193, 208

Trichromacy



Original Color

217, 199, 166

Protanomaly

214, 200, 167

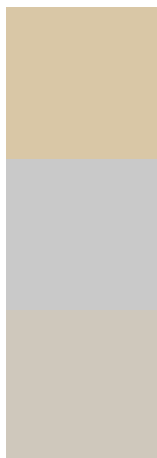
Deuteranomaly

227, 195, 167

Tritanomaly

220, 195, 193

Monochromacy



Original Color

217, 199, 166

Achromatopsia

201, 201, 201

Achromatomaly

207, 200, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 199, 166 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(217, 199, 166)` looks like.

```
.text, #text, p{  
    color:rgb(217, 199, 166)  
}
```

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(217, 199, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 199, 166) }
```

Border

The CSS property to change the border of an element to RGB 217, 199, 166 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(217, 199, 166) }
```

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

```
.border{ border-color:rgb(217, 199, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 199, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 199, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 199, 166);  
box-shadow:4px 4px 4px 4px rgb(217, 199,  
166) }
```

Background

The CSS property to change the background color of an element to RGB 217, 199, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 199, 166) }
```

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

```
.background{ background-color: rgb(217,  
199, 166) }
```

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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