

Converting Colors

RGB(217, 206, 163)

Have a look what the booklet for
RGB(217, 206, 163) contains.

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Color

RGB(217, 206, 163)

Conversions

Conversions Part 1

Format	Color
Hex	D9CEA3
RGB	217, 206, 163
RGB Percent	85%, 81%, 64%
CMY	0.1490, 0.1922, 0.3608
CMYK	0.00, 0.05, 0.25, 0.15
HSL	48°, 42%, 75%
HSV	48°, 25%, 85%
XYZ	57.2974, 61.5387, 43.5086
YIQ	204.3870, 20.3590, -11.0410

Conversions

Conversions Part 2

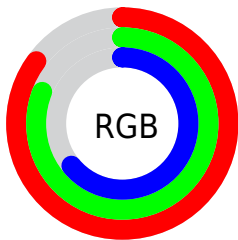
Format	Color
RYB	177, 217, 163
Decimal	14274211
CIELab	82.67, -2.91, 22.81
CIELCh	83, 22.991, 97.276
Yxy	61.5387, 0.3529, 0.3791
Android (android.graphics.Color)	4292464291 (0xFFD9CEA3)
YUV	204.3870, -20.4038, 11.0616
Hunter-Lab	78.4466, -6.9050, 22.0288

Details

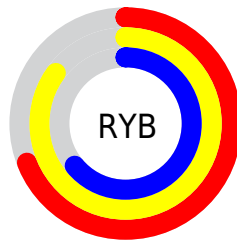
The RGB color **217, 206, 163** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **163, 174, 217**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 255, 218**, and **162, 152, 111** is the 20% darker color. If you saturate the color by 10%, you get **217, 202, 141**, and if you desaturate by 10%, it is **217, 210, 185**.

Distribution



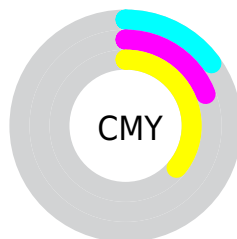
- Red (85%)
- Green (81%)
- Blue (64%)



- Red (69%)
- Yellow (85%)
- Blue (64%)



- Cyan (0%)
- Magenta (5%)
- Yellow (25%)
- Black (15%)



- Cyan (15%)
- Magenta (19%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 206, 163 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, 206, 163 by changing the saturation by 10% instead.

 217, 206, 163


255, 255, 255

 255, 255, 218

 255, 255, 247

 217, 206, 163

 189, 179, 137

 162, 152, 111

 135, 126, 86

 109, 101, 63

 84, 77, 40

 60, 55, 19

 39, 33, 0

 7, 11, 0


 0, 0, 0

 217, 206, 163

 217, 206, 163

 217, 202, 141

 217, 210, 185

 217, 197, 120

 217, 215, 206

 217, 193, 98

 217, 219, 228

 217, 188, 76

 217, 224, 250

 217, 184, 54

 217, 228, 255

 217, 179, 33

 217, 233, 255

 217, 175, 11

 217, 237, 255

 217, 173, 0

 217, 241, 255

 217, 246, 255

Harmonies

Analogous

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



237, 199, 167



217, 206, 163



193, 212, 171

Triad

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



217, 206, 163



147, 217, 231



238, 193, 223

Complementary

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



217, 206, 163



163, 174, 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.



216, 198, 240



217, 206, 163



161, 213, 245

Square

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



217, 206, 163



151, 218, 210



188, 206, 248



250, 190, 201

Rectangle

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



217, 206, 163



176, 216, 182



188, 206, 248



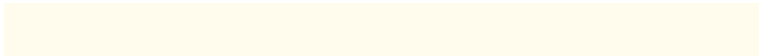
232, 194, 229

Sweetspot

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



217, 206, 163



255, 251, 237



217, 163, 175



128, 125, 117



0, 0, 0



128, 128, 128

Same Dimension

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



217, 206, 163



255, 239, 179



202, 217, 163



110, 107, 99



173, 138, 0



46, 37, 0

Inverse Universe

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



163, 174, 217



179, 194, 255



178, 163, 217



99, 101, 110



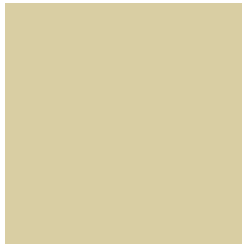
0, 35, 173



0, 9, 46

Previews

White Background



This preview shows how the RGB color 217, 206, 163 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, 206, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

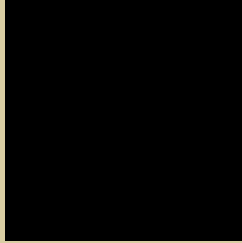
Any Text WCAG AA ✓ Pass

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, 206, 163 Background



This preview shows how black text looks on a background with the RGB color 217, 206, 163.



This preview shows how white text looks on a background with the RGB color 217, 206, 163.

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, 206, 163

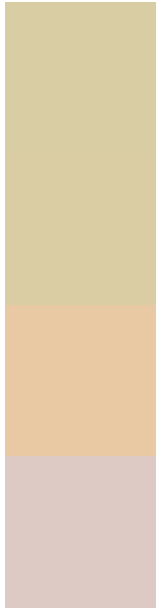
Protanopia
219, 205, 163

Deuteranopia
240, 198, 165



Tritanopia
223, 199, 215

Trichromacy



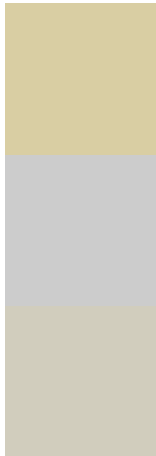
Original Color
217, 206, 163

Protanomaly
218, 205, 163

Deuteranomaly
232, 201, 164

Tritanomaly
221, 202, 196

Monochromacy



Original Color
217, 206, 163

Achromatopsia
204, 204, 204

Achromatomaly
209, 205, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 206, 163 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, 206, 163)` looks like.

```
.text, #text, p{  
    color:rgb(217, 206, 163)  
}
```

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, 206, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 206, 163) }
```

Border

The CSS property to change the border of an element to RGB 217, 206, 163 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, 206, 163) }
```

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

```
.border{ border-color:rgb(217, 206, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 206, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 206, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 206, 163);  
box-shadow:4px 4px 4px 4px rgb(217, 206,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 217, 206, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 206, 163) }
```

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

```
.background{ background-color: rgb(217,  
206, 163) }
```

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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