

Converting Colors

`RYB(217, 208, 134)`

Have a look what the booklet for
RYB(217, 208, 134) contains.

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Color

R_YB(217, 208, 134)

Conversions

Conversions Part 1

Format	Color
Hex	D9AD86
RGB	217, 173, 134
RGB Percent	85%, 68%, 53%
CMY	0.1490, 0.3211, 0.4745
CMYK	0.00, 0.20, 0.38, 0.15
HSL	28°, 52%, 69%
HSV	28°, 38%, 85%
XYZ	47.8851, 46.4065, 28.9878
YIQ	181.7100, 38.7430, -2.8010

Conversions

Conversions Part 2

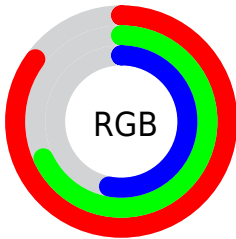
Format	Color
RYB	217, 208, 134
Decimal	14265734
CIELab	73.81, 10.75, 26.18
CIElCh	74, 28.301, 67.679
Yxy	46.4065, 0.3884, 0.3764
Android (android.graphics.Color)	4292455814 (0xFFD9AD86)
YUV	181.7100, -23.5210, 30.9493
Hunter-Lab	68.1223, 6.2587, 22.4562

Details

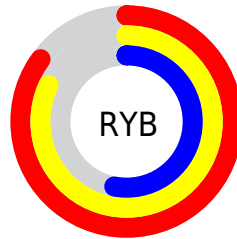
The RYB color **217, 208, 134** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **134, 163, 217**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **232, 255, 187**, and **161, 155, 84** is the 20% darker color. If you saturate the color by 10%, you get **217, 207, 112**, and if you desaturate by 10%, it is **217, 211, 156**.

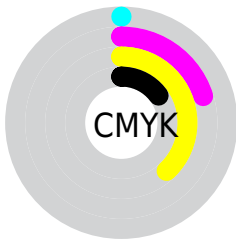
Distribution



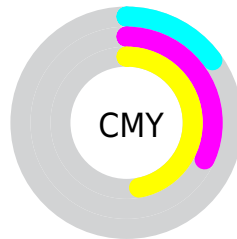
- Red (85%)
- Green (68%)
- Blue (53%)



- Red (85%)
- Yellow (82%)
- Blue (53%)



- Cyan (0%)
- Magenta (20%)
- Yellow (38%)
- Black (15%)



- Cyan (15%)
- Magenta (32%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 217, 208, 134 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 RYB color 217, 208, 134 by changing the saturation by 10% instead.


 217, 208, 134

 217, 208, 134


255, 255, 255

 188, 182, 109

 229, 255, 187

 161, 155, 84

 215, 255, 215

 133, 131, 60

 244, 255, 244

 107, 105, 38

 75, 81, 16

 57, 55, 0

 33, 6, 0

 0, 0, 0

 217, 208, 134

 217, 208, 134

 217, 207, 112

 217, 211, 156

 217, 202, 91

 217, 213, 177

 217, 202, 69

 217, 217, 199

 217, 198, 47

 217, 218, 221

 217, 196, 26

 217, 226, 243

 217, 192, 4

 217, 232, 255

 217, 192, 0

 217, 235, 255

 217, 236, 255

Harmonies

Analogous

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



231, 169, 151



217, 208, 134



143, 193, 130

Triad

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



217, 208, 134



110, 155, 196



194, 172, 223

Complementary

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



217, 208, 134



134, 163, 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.



158, 176, 232



217, 208, 134



103, 153, 212

Square

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



217, 208, 134



135, 176, 194



123, 164, 229



220, 165, 202

Rectangle

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



217, 208, 134



135, 187, 147



123, 164, 229



183, 175, 227

Sweetspot

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



217, 208, 134



255, 251, 227



217, 134, 178



128, 126, 111



0, 0, 0



128, 128, 128

Same Dimension

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



217, 208, 134



255, 242, 138



137, 217, 134



110, 108, 99



173, 156, 0



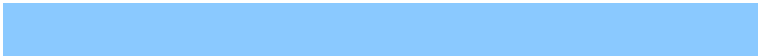
46, 42, 0

Inverse Universe

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



134, 163, 217



138, 179, 255



134, 137, 217



99, 102, 110



0, 60, 173



0, 16, 46

Previews

White Background



This preview shows how the RYB color 217, 208, 134 looks on a white background.

Color Contrast Check

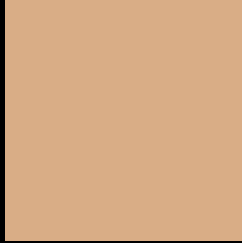
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 217, 208, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

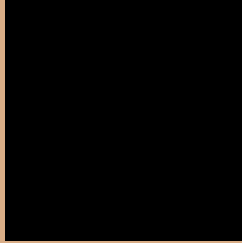
Any Text WCAG AA ✓ Pass

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](#).

RYB 217, 208, 134 Background



This preview shows how black text looks on a background with the RYB color 217, 208, 134.




This preview shows how white text looks on a background with the RYB color 217, 208, 134.

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](#).

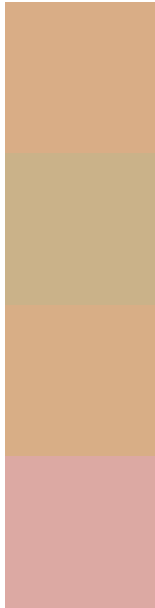
Dichromacy

	Original Color 217, 208, 134
	Protanopia 155, 194, 138
	Deuteranopia 215, 213, 134



Tritanopia
222, 167, 180

Trichromacy



Original Color

217, 208, 134

Protanomaly

175, 202, 137

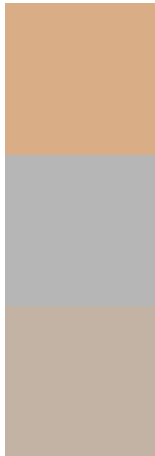
Deuteranomaly

216, 212, 134

Tritanomaly

220, 170, 163

Monochromacy



Original Color

217, 208, 134

Achromatopsia

182, 182, 182

Achromatomaly

195, 191, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 217, 208, 134 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, 173, 134)` looks like.

```
.text, #text, p{  
    color:rgb(217, 173, 134)  
}
```

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, 173, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 173, 134) }
```

Border

The CSS property to change the border of an element to RYB 217, 208, 134 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, 173, 134) }
```

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

```
.border{ border-color:rgb(217, 173, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 173, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 173, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 173, 134);  
box-shadow:4px 4px 4px 4px rgb(217, 173,  
134) }
```

Background

The CSS property to change the background color of an element to RYB 217, 208, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 173, 134) }
```

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

```
.background{ background-color: rgb(217,  
173, 134) }
```

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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