

Converting Colors

`RYB(208, 212, 128)`

Have a look what the booklet for
RYB(208, 212, 128) contains.

RYB(208, 212, 128)	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

R_YB(208, 212, 128)

Conversions

Conversions Part 1

Format	Color
Hex	D4AB80
RGB	212, 171, 128
RGB Percent	83%, 67%, 50%
CMY	0.1686, 0.3293, 0.4980
CMYK	0.00, 0.19, 0.40, 0.17
HSL	31°, 49%, 67%
HSV	31°, 40%, 83%
XYZ	45.6152, 44.6906, 26.6440
YIQ	178.3570, 38.2390, -4.6810

Conversions

Conversions Part 2

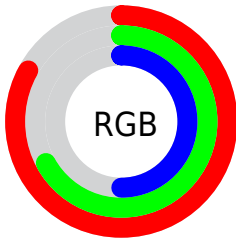
Format	Color
R _Y B	208, 212, 128
Decimal	13937536
CIE Lab	72.69, 9.19, 27.81
CIE LCh	73, 29.293, 71.714
Yxy	44.6906, 0.3900, 0.3821
Android (android.graphics.Color)	4292127616 (0xFFD4AB80)
YUV	178.3570, -24.8260, 29.5049
Hunter-Lab	66.8510, 4.8085, 23.1652

Details

The RYB color **208, 212, 128** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **128, 156, 212**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **229, 255, 181**, and **148, 156, 78** is the 20% darker color. If you saturate the color by 10%, you get **206, 212, 107**, and if you desaturate by 10%, it is **210, 212, 149**.

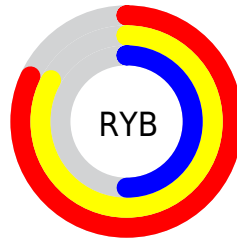
Distribution



Red (83%)

Green (67%)

Blue (50%)



Red (82%)

Yellow (83%)

Blue (50%)

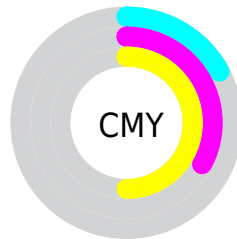


Cyan (0%)

Magenta (19%)

Yellow (40%)

Black (17%)



Cyan (17%)

Magenta (33%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 212, 128 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 208, 212, 128 by changing the saturation by 10% instead.

 208, 212, 128

 208, 212, 128


255, 255, 255

 178, 184, 103

 229, 255, 181


 148, 156, 78

 209, 255, 209

 121, 129, 55

 237, 255, 237

 88, 102, 32

 61, 77, 10

 48, 52, 0

 28, 2, 0


 0, 0, 0

 208, 212, 128


 208, 212, 128

 206, 212, 107


 210, 212, 149

 208, 212, 86


 208, 212, 170

 204, 212, 64

 212, 212, 192

 202, 212, 43

 212, 212, 213

 204, 212, 22

 212, 219, 234

 202, 212, 1

 212, 226, 255

 200, 212, 0

 212, 230, 255

 212, 233, 255

 212, 234, 255

Harmonies

Analogous

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



228, 169, 144



208, 212, 128



134, 187, 126

Triad

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



208, 212, 128



101, 148, 193



195, 168, 218

Complementary

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



208, 212, 128



128, 156, 212

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.



159, 173, 230



208, 212, 128



97, 149, 213

Square

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



208, 212, 128



126, 169, 192



121, 162, 229



221, 161, 196

Rectangle

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



208, 212, 128



132, 185, 150



121, 162, 229



184, 171, 224

Sweetspot

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



208, 212, 128



253, 255, 224



212, 128, 170



128, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



208, 212, 128



251, 255, 133



128, 212, 128



105, 107, 96



161, 171, 0



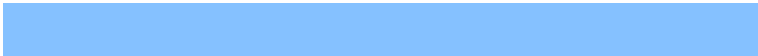
41, 43, 0

Inverse Universe

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



128, 156, 212



133, 173, 255



128, 128, 212



96, 100, 107



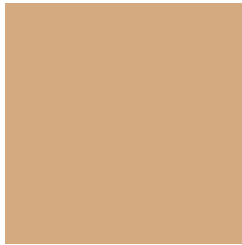
0, 56, 171



0, 14, 43

Previews

White Background



This preview shows how the RYB color 208, 212, 128 looks on a white background.

Color Contrast Check

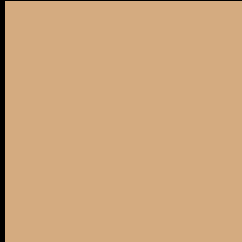
Large Text (above 18pt) WCAG AA × Fail

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 208, 212, 128 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 208, 212, 128 Background



This preview shows how black text looks on a background with the RYB color 208, 212, 128.


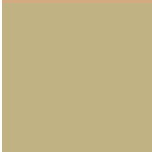



This preview shows how white text looks on a background with the RYB color 208, 212, 128.

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 208, 212, 128
	Protanopia 149, 192, 131
	Deuteranopia 208, 212, 128



Tritanopia
217, 165, 177

Trichromacy



Original Color

208, 212, 128

Protanomaly

167, 199, 130

Deuteranomaly

208, 212, 128

Tritanomaly

215, 168, 159

Monochromacy



Original Color

208, 212, 128

Achromatopsia

178, 178, 178

Achromatomaly

190, 190, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 212, 128 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(212, 171, 128)` looks like.

```
.text, #text, p{  
    color:rgb(212, 171, 128)  
}
```

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(212, 171, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 171, 128) }
```

Border

The CSS property to change the border of an element to RYB 208, 212, 128 is called "border". The border property can be set on classes, ids or directly on the HTML element.

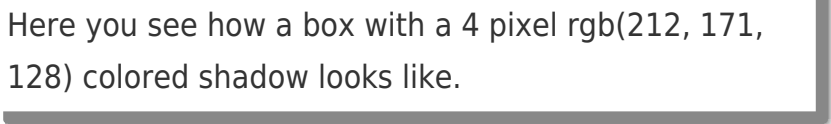
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(212, 171, 128) }
```

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

```
.border{ border-color:rgb(212, 171, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(212, 171, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 171, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 171, 128); box-shadow:4px 4px 4px 4px rgb(212, 171, 128) }
```

Background

The CSS property to change the background color of an element to RGB 208, 212, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 171, 128) }
```

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

```
.background{ background-color: rgb(212,  
171, 128) }
```

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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