

Converting Colors

`RYB(218, 216, 121)`

Have a look what the booklet for
RYB(218, 216, 121) contains.

RYB(218, 216, 121)	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(218, 216, 121)

Conversions

Conversions Part 1

Format	Color
Hex	DAA979
RGB	218, 169, 121
RGB Percent	85%, 66%, 47%
CMY	0.1451, 0.3373, 0.5255
CMYK	0.00, 0.22, 0.44, 0.15
HSL	30°, 57%, 66%
HSV	30°, 44%, 85%
XYZ	46.5516, 44.6599, 24.2558
YIQ	178.1790, 44.6120, -4.5400

Conversions

Conversions Part 2

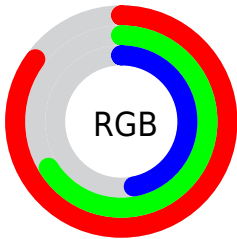
Format	Color
RYB	218, 216, 121
Decimal	14330233
CIELab	72.67, 11.94, 31.63
CIELCh	73, 33.812, 69.322
Yxy	44.6599, 0.4032, 0.3868
Android (android.graphics.Color)	4292520313 (0xFFDAA979)
YUV	178.1790, -28.1892, 34.9230
Hunter-Lab	66.8281, 7.3919, 25.2598

Details

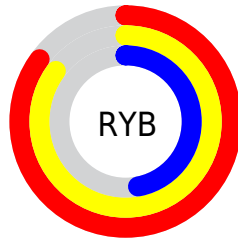
The RYB color **218, 216, 121** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **121, 154, 218**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **224, 255, 174**, and **159, 161, 72** is the 20% darker color. If you saturate the color by 10%, you get **218, 216, 99**, and if you desaturate by 10%, it is **218, 216, 143**.

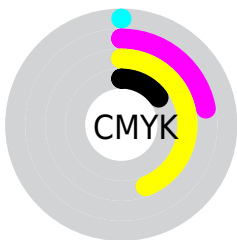
Distribution



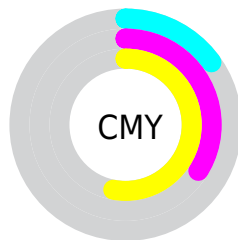
- Red (85%)
- Green (66%)
- Blue (47%)



- Red (85%)
- Yellow (85%)
- Blue (47%)



- Cyan (0%)
- Magenta (22%)
- Yellow (44%)
- Black (15%)



- Cyan (15%)
- Magenta (34%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 218, 216, 121 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 218, 216, 121 by changing the saturation by 10% instead.

 218, 216, 121

255, 255, 255

 224, 255, 174

 203, 255, 201

 230, 255, 230

 218, 216, 121

 187, 189, 96

 159, 161, 72

 127, 133, 48

 95, 106, 26

 61, 80, 1


 55, 46, 0

 31, 0, 0


 0, 0, 0

 218, 216, 121


 218, 216, 121

 218, 216, 99

 218, 216, 143

 218, 216, 77

 218, 216, 165

 218, 214, 56


 218, 218, 186

 218, 214, 34

 218, 218, 208

 218, 214, 12

 218, 222, 230

 218, 214, 0

 218, 229, 252

 218, 234, 255

 218, 237, 255

Harmonies

Analogous

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



236, 163, 141



218, 216, 121



130, 190, 117

Triad

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



218, 216, 121



85, 142, 195



195, 167, 226

Complementary

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



218, 216, 121



121, 154, 218

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.



151, 172, 239



218, 216, 121



73, 138, 216

Square

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



218, 216, 121



119, 169, 193



104, 155, 235



225, 158, 201

Rectangle

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



218, 216, 121



124, 186, 142



104, 155, 235



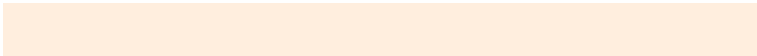
181, 171, 232

Sweetspot

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



218, 216, 121



255, 253, 222



218, 121, 171



128, 126, 107



0, 0, 0



128, 128, 128

Same Dimension

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



218, 216, 121



255, 253, 120



123, 218, 121



110, 108, 99



173, 171, 0



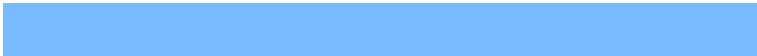
46, 46, 0

Inverse Universe

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



121, 154, 218



120, 165, 255



121, 123, 218



99, 102, 110



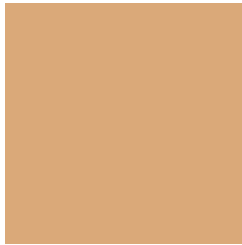
0, 58, 173



0, 15, 46

Previews

White Background



This preview shows how the RYB color 218, 216, 121 looks on a white background.

Color Contrast Check

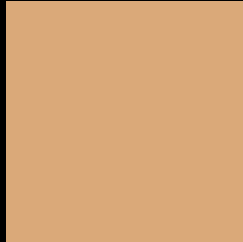
Large Text (above 18pt) WCAG AA × Fail

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 218, 216, 121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

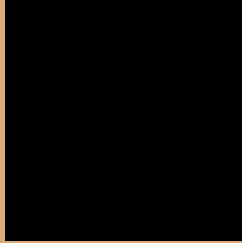
Any Text WCAG AA ✓ Pass

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](#).

R Y B 218, 216, 121 Background



This preview shows how black text looks on a background with the RYB color 218, 216, 121.



This preview shows how white text looks on a background with the RYB color 218, 216, 121.

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
218, 216, 121

Protanopia
144, 193, 125

Deuteranopia
201, 214, 121



Tritanopia
223, 162, 174

Trichromacy



Original Color
218, 216, 121

Protanomaly
165, 202, 124

Deuteranomaly
207, 215, 121

Tritanomaly
221, 167, 155

Monochromacy



Original Color
218, 216, 121

Achromatopsia
178, 178, 178

Achromatomaly
193, 193, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 216, 121 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(218, 169, 121)` looks like.

```
.text, #text, p{  
    color:rgb(218, 169, 121)  
}
```

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(218, 169, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 169, 121) }
```

Border

The CSS property to change the border of an element to RYB 218, 216, 121 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(218, 169, 121) }
```

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

```
.border{ border-color:rgb(218, 169, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 169, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 169, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 169, 121);  
box-shadow:4px 4px 4px 4px rgb(218, 169,  
121) }
```

Background

The CSS property to change the background color of an element to RYB 218, 216, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 169, 121) }
```

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

```
.background{ background-color: rgb(218,  
169, 121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor