

Converting Colors

`RYB(218, 190, 106)`

Have a look what the booklet for
RYB(218, 190, 106) contains.

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Color

R_YB(218, 190, 106)

Conversions

Conversions Part 1

Format	Color
Hex	DA9A6A
RGB	218, 154, 106
RGB Percent	85%, 60%, 42%
CMY	0.1451, 0.3961, 0.5843
CMYK	0.00, 0.29, 0.51, 0.15
HSL	26°, 60%, 64%
HSV	26°, 51%, 85%
XYZ	43.0706, 39.0572, 18.9044
YIQ	167.6640, 53.5520, -1.3600

Conversions

Conversions Part 2

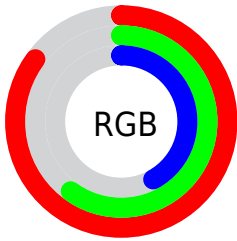
Format	Color
R_{YB}	218, 190, 106
Decimal	14326378
CIE Lab	68.79, 18.56, 34.62
CIE LCh	69, 39.282, 61.803
Yxy	39.0572, 0.4263, 0.3866
Android (android.graphics.Color)	4292516458 (0xFFDA9A6A)
YUV	167.6640, -30.4004, 44.1447
Hunter-Lab	62.4958, 13.6502, 25.8124

Details

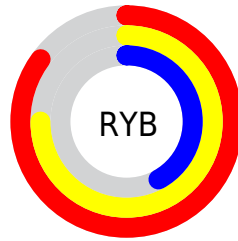
The RYB color **218, 190, 106** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **106, 147, 218**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **245, 255, 158**, and **160, 140, 57** is the 20% darker color. If you saturate the color by 10%, you get **218, 186, 84**, and if you desaturate by 10%, it is **218, 194, 128**.

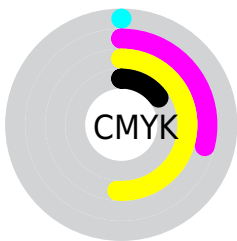
Distribution



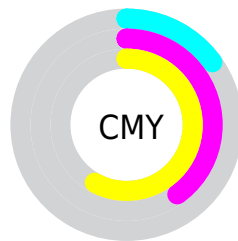
- Red (85%)
- Green (60%)
- Blue (42%)



- Red (85%)
- Yellow (75%)
- Blue (42%)



- Cyan (0%)
- Magenta (29%)
- Yellow (51%)
- Black (15%)



- Cyan (15%)
- Magenta (40%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 218, 190, 106 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, 190, 106 by changing the saturation by 10% instead.

 218, 190, 106

255, 255, 255

 245, 255, 158

 209, 255, 185

 213, 255, 213

 242, 255, 242

 218, 190, 106


 189, 164, 81

 160, 140, 57

 132, 114, 34

 104, 95, 11

 78, 57, 0


 51, 16, 0

 26, 0, 1

 0, 0, 0

 218, 190, 106

 218, 190, 106

 218, 186, 84


 218, 194, 128

 218, 179, 62


 218, 201, 150

 218, 174, 41

 218, 206, 171

 218, 167, 19

 218, 213, 193

 218, 162, 0

 218, 217, 215

 218, 225, 237

 218, 232, 255

 218, 236, 255

 218, 237, 255

Harmonies

Analogous

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



235, 144, 132



218, 190, 106



127, 189, 96

Triad

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



218, 190, 106



55, 126, 187



174, 158, 228

Complementary

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



218, 190, 106



106, 147, 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.



118, 155, 238



218, 190, 106



0, 97, 204

Square

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



218, 190, 106



108, 165, 184



46, 124, 230



214, 146, 202

Rectangle

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



218, 190, 106



100, 174, 109



46, 124, 230



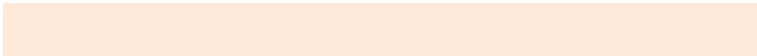
157, 162, 234

Sweetspot

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



218, 190, 106



255, 245, 217



218, 106, 171



128, 120, 105



0, 0, 0



128, 128, 128

Same Dimension

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



218, 190, 106



255, 216, 97



116, 218, 106



110, 105, 99



173, 129, 0



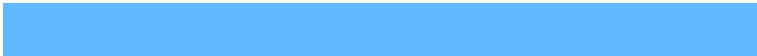
46, 35, 0

Inverse Universe

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



106, 147, 218



97, 154, 255



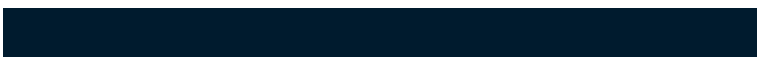
106, 114, 218



99, 103, 110



0, 63, 173



0, 17, 46

Previews

White Background



This preview shows how the RYB color 218, 190, 106 looks on a white background.

Color Contrast Check

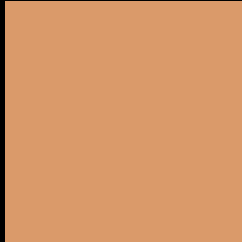
Large Text (above 18pt) WCAG AA × Fail

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, 190, 106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

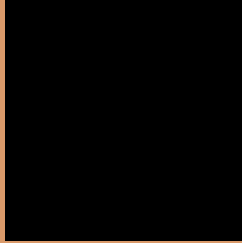
Any Text WCAG AA ✓ Pass

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, 190, 106 Background



This preview shows how black text looks on a background with the RYB color 218, 190, 106.

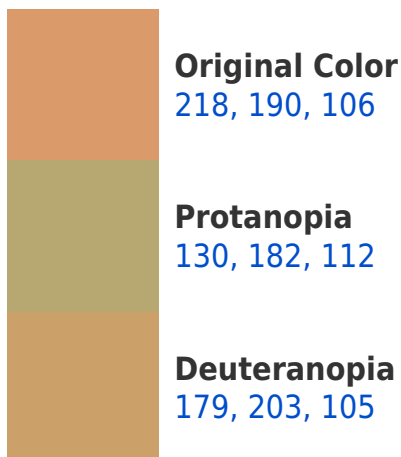


This preview shows how white text looks on a background with the RYB color 218, 190, 106.

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





Tritanopia
222, 147, 158

Trichromacy



Original Color
218, 190, 106

Protanomaly
161, 195, 110

Deuteranomaly
202, 208, 105

Tritanomaly
221, 152, 139

Monochromacy



Original Color
218, 190, 106

Achromatopsia
168, 168, 168

Achromatomaly
186, 177, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 190, 106 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, 154, 106)` looks like.

```
.text, #text, p{  
    color:rgb(218, 154, 106)  
}
```

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, 154, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 154, 106) }
```

Border

The CSS property to change the border of an element to RYB 218, 190, 106 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, 154, 106) }
```

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

```
.border{ border-color:rgb(218, 154, 106) }
```

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

Here you see how a box with a 4 pixel rgb(218, 154, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 154, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 154, 106);  
box-shadow:4px 4px 4px 4px rgb(218, 154,  
106) }
```

Background

The CSS property to change the background color of an element to RYB 218, 190, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 154, 106) }
```

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

```
.background{ background-color: rgb(218,  
154, 106) }
```

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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