

Converting Colors

`RYB(209, 146, 117)`

Have a look what the booklet for
RYB(209, 146, 117) contains.

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Color

R_YB(209, 146, 117)

Conversions

Conversions Part 1

Format	Color
Hex	D18B75
RGB	209, 139, 117
RGB Percent	82%, 55%, 46%
CMY	0.1804, 0.4547, 0.5412
CMYK	0.00, 0.33, 0.44, 0.18
HSL	14°, 50%, 64%
HSV	14°, 44%, 82%
XYZ	38.7452, 33.3193, 21.2188
YIQ	157.4220, 48.7820, 7.9980

Conversions

Conversions Part 2

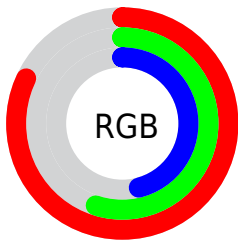
Format	Color
R _Y B	209, 146, 117
Decimal	13732725
CIE Lab	64.42, 24.10, 22.70
CIE LCh	64, 33.109, 43.282
Yxy	33.3193, 0.4153, 0.3572
Android (android.graphics.Color)	4291922805 (0xFFD18B75)
YUV	157.4220, -19.9280, 45.2339
Hunter-Lab	57.7228, 18.7992, 18.6111

Details

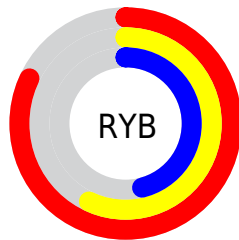
The RYB color **209, 146, 117** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **117, 157, 209**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **255, 202, 169**, and **152, 94, 69** is the 20% darker color. If you saturate the color by 10%, you get **209, 131, 96**, and if you desaturate by 10%, it is **209, 160, 138**.

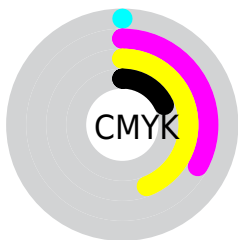
Distribution



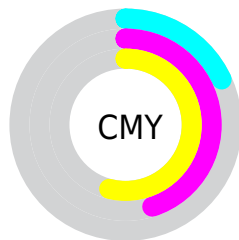
- Red (82%)
- Green (55%)
- Blue (46%)



- Red (82%)
- Yellow (57%)
- Blue (46%)



- Cyan (0%)
- Magenta (33%)
- Yellow (44%)
- Black (18%)



- Cyan (18%)
- Magenta (45%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 146, 117 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 209, 146, 117 by changing the saturation by 10% instead.

 209, 146, 117

255, 255, 255


 255, 202, 169

 255, 238, 197

 231, 255, 225

253, 255, 253

 209, 146, 117

 209, 131, 96


 209, 146, 117

 180, 120, 92

 152, 94, 69


 124, 69, 46


 97, 46, 25

 71, 26, 0

 46, 0, 0

 0, 0, 0

 209, 146, 117

 209, 160, 138

■ 209, 117, 75

■ 209, 175, 159

■ 209, 103, 54

■ 209, 189, 180

■ 209, 88, 33

■ 209, 204, 201

■ 209, 75, 13

■ 209, 214, 221

■ 209, 66, 0

■ 209, 223, 242

■ 209, 231, 255

■ 209, 232, 255

Harmonies

Analogous

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



214, 134, 144



209, 146, 117



178, 191, 100

Triad

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



209, 146, 117



94, 143, 171



136, 151, 213

Complementary

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



209, 146, 117



117, 157, 209

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.



87, 135, 212



209, 146, 117



57, 115, 172

Square

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



209, 146, 117



112, 166, 148



48, 115, 196



176, 144, 199

Rectangle

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



209, 146, 117



121, 173, 97



48, 115, 196



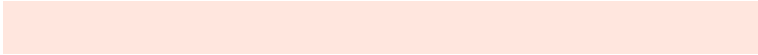
120, 147, 215

Sweetspot

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



209, 146, 117



255, 233, 222



209, 117, 188



128, 114, 107



0, 0, 0



128, 128, 128

Same Dimension

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



209, 146, 117



255, 162, 120



151, 209, 117



105, 98, 94



168, 53, 0



41, 13, 0

Inverse Universe

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



117, 157, 209



120, 178, 255



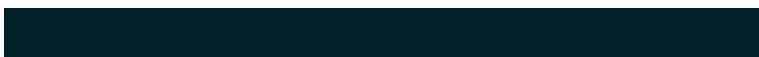
117, 137, 209



94, 99, 105



0, 73, 168



0, 18, 41

Previews

White Background



This preview shows how the RYB color 209, 146, 117 looks on a white background.

Color Contrast Check

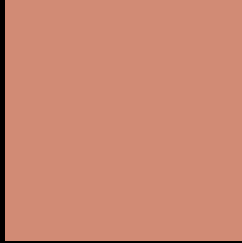
Large Text (above 18pt) WCAG AA × Fail

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 209, 146, 117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

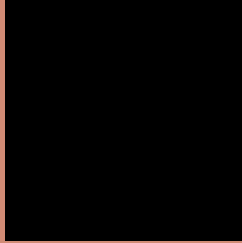
Any Text WCAG AA ✓ Pass

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 209, 146, 117 Background



This preview shows how black text looks on a background with the RYB color 209, 146, 117.

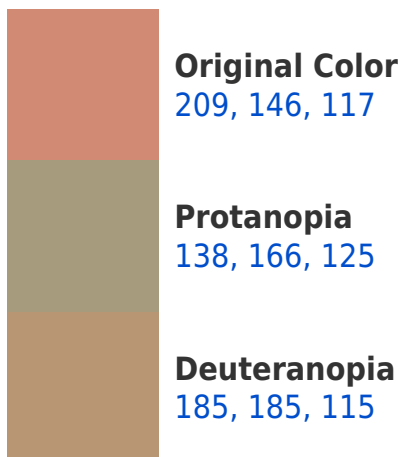


This preview shows how white text looks on a background with the RYB color 209, 146, 117.

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
211, 135, 145

Trichromacy



Original Color

209, 146, 117

Protanomaly

182, 175, 122

Deuteranomaly

194, 165, 116

Tritanomaly

210, 136, 135

Monochromacy



Original Color

209, 146, 117

Achromatopsia

157, 157, 157

Achromatomaly

176, 152, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 146, 117 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(209, 139, 117)` looks like.

```
.text, #text, p{  
    color:rgb(209, 139, 117)  
}
```

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(209, 139, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 139, 117) }
```

Border

The CSS property to change the border of an element to RYB 209, 146, 117 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(209, 139, 117) }
```

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

```
.border{ border-color:rgb(209, 139, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 139, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 139, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 139, 117);  
box-shadow:4px 4px 4px 4px rgb(209, 139,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 209, 139, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 139, 117) }
```

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

```
.background{ background-color: rgb(209,  
139, 117) }
```

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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