

Converting Colors

`RYB(209, 108, 101)`

Have a look what the booklet for
RYB(209, 108, 101) contains.

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Color

$\text{RYB}(209, 108, 101)$

Conversions

Conversions Part 1

Format	Color
Hex	D16C65
RGB	209, 108, 101
RGB Percent	82%, 42%, 40%
CMY	0.1804, 0.5781, 0.6039
CMYK	0.00, 0.49, 0.52, 0.18
HSL	4°, 54%, 61%
HSV	4°, 52%, 82%
XYZ	33.9612, 25.1304, 15.3726
YIQ	137.4010, 62.4430, 19.2350

Conversions

Conversions Part 2

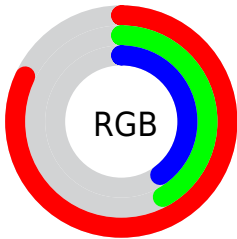
Format	Color
R _Y B	209, 108, 101
Decimal	13724773
CIE Lab	57.20, 39.27, 22.07
CIE LCh	57, 45.050, 29.332
Yxy	25.1304, 0.4561, 0.3375
Android (android.graphics.Color)	4291914853 (0xFFD16C65)
YUV	137.4010, -17.9457, 62.7923
Hunter-Lab	50.1302, 33.1988, 16.9096

Details

The RYB color **209, 108, 101** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **101, 153, 209**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **255, 162, 152**, and **150, 57, 54** is the 20% darker color. If you saturate the color by 10%, you get **209, 89, 80**, and if you desaturate by 10%, it is **209, 127, 122**.

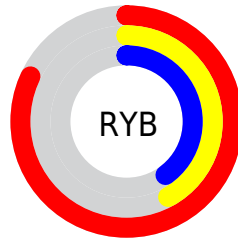
Distribution



Red (82%)

Green (42%)

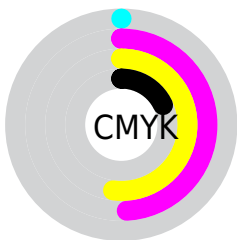
Blue (40%)



Red (82%)

Yellow (42%)

Blue (40%)

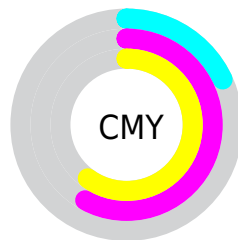


Cyan (0%)

Magenta (49%)

Yellow (52%)

Black (18%)



Cyan (18%)

Magenta (58%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 108, 101 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, 108, 101 by changing the saturation by 10% instead.

 209, 108, 101


255, 255, 255

 255, 162, 152

 255, 191, 179

 255, 220, 206

 250, 255, 234

 209, 108, 101

 179, 82, 77

 150, 56, 54

 122, 30, 33

 94, 0, 11

 66, 0, 0

 40, 0, 1

 0, 0, 0

 209, 108, 101

 209, 89, 80

 209, 108, 101

 209, 127, 122


 209, 69, 59

 209, 147, 143

 209, 50, 38

 209, 166, 164

 209, 30, 17

 209, 186, 185

 209, 14, 0

 209, 206, 205

 209, 217, 226

 209, 227, 247

 209, 232, 255

Harmonies

Analogous

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



208, 104, 140



209, 108, 101



192, 155, 70

Triad

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



209, 108, 101



70, 134, 154



59, 113, 216

Complementary

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



209, 108, 101



101, 153, 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.



0, 87, 204



209, 108, 101



0, 84, 157

Square

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



209, 108, 101



66, 146, 91



0, 82, 175



138, 127, 206

Rectangle

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



209, 108, 101



125, 172, 58



0, 82, 175



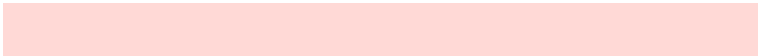
0, 87, 214

Sweetspot

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



209, 108, 101



255, 217, 214



209, 101, 204



128, 105, 103



0, 0, 0



128, 128, 128

Same Dimension

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



209, 108, 101



255, 108, 97



191, 209, 101



105, 95, 94



168, 11, 0



41, 2, 0

Inverse Universe

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



101, 153, 209



97, 173, 255



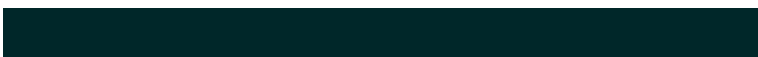
101, 135, 209



94, 99, 105



0, 81, 168



0, 20, 41

Previews

White Background



This preview shows how the RYB color 209, 108, 101 looks on a white background.

Color Contrast Check

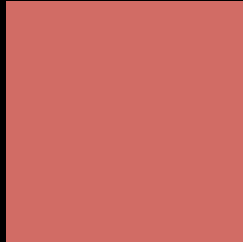
Large Text (above 18pt) WCAG AA ✓ Pass

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, 108, 101 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 209, 108, 101 Background



This preview shows how black text looks on a background with the RYB color 209, 108, 101.

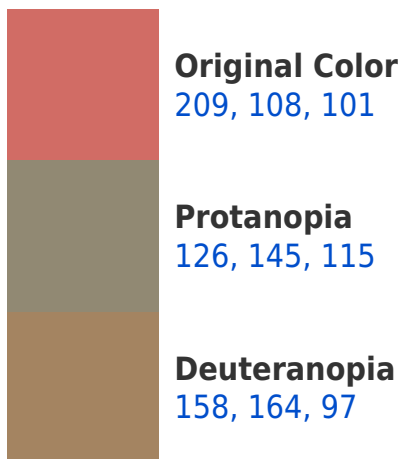



This preview shows how white text looks on a background with the RYB color 209, 108, 101.

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
210, 106, 113

Trichromacy



Original Color

209, 108, 101

Protanomaly

168, 132, 110

Deuteranomaly

180, 134, 98

Tritanomaly

210, 107, 109

Monochromacy



Original Color

209, 108, 101

Achromatopsia

137, 137, 137

Achromatomaly

163, 126, 124

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 108, 101 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, 108, 101)` looks like.

```
.text, #text, p{  
    color:rgb(209, 108, 101)  
}
```

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, 108, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 108, 101) }
```

Border

The CSS property to change the border of an element to RYB 209, 108, 101 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, 108, 101) }
```

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

```
.border{ border-color:rgb(209, 108, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 108, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 108, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 108, 101);  
box-shadow:4px 4px 4px 4px rgb(209, 108,  
101) }
```

Background

The CSS property to change the background color of an element to RYB 209, 108, 101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 108, 101) }
```

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

```
.background{ background-color: rgb(209,  
108, 101) }
```

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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