

Converting Colors

`RYB(209, 148, 185)`

Have a look what the booklet for RYB(209, 148, 185) contains.

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Color

RYB(209, 148, 185)

Conversions

Conversions Part 1

Format	Color
Hex	D194B9
RGB	209, 148, 185
RGB Percent	82%, 58%, 73%
CMY	0.1804, 0.4196, 0.2745
CMYK	0.00, 0.29, 0.11, 0.18
HSL	324°, 40%, 70%
HSV	324°, 29%, 82%
XYZ	45.6414, 38.2379, 50.8740
YIQ	170.4570, 24.4790, 24.4390

Conversions

Conversions Part 2

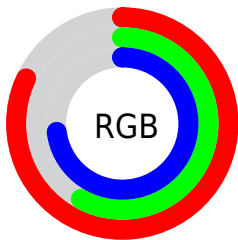
Format	Color
R_{YB}	209, 148, 185
Decimal	13735097
CIE _{Lab}	68.20, 28.63, -10.03
CIE _{LCh}	68, 30.334, 340.693
Yxy	38.2379, 0.3387, 0.2838
Android (android.graphics.Color)	4291925177 (0xFFD194B9)
YUV	170.4570, 7.1697, 33.8022
Hunter-Lab	61.8368, 23.5353, -5.4930

Details

The RYB color **209, 148, 185** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **148, 192, 209**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **255, 203, 241**, and **154, 96, 132** is the 20% darker color. If you saturate the color by 10%, you get **209, 127, 177**, and if you desaturate by 10%, it is **209, 169, 193**.

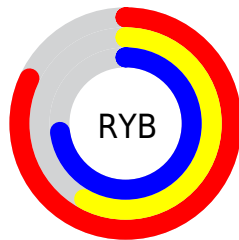
Distribution



Red (82%)

Green (58%)

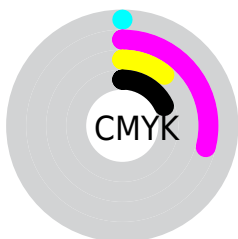
Blue (73%)



Red (82%)

Yellow (58%)

Blue (73%)

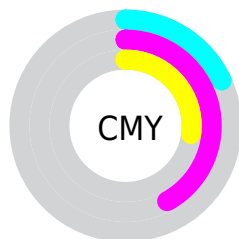


Cyan (0%)

Magenta (29%)

Yellow (11%)

Black (18%)



Cyan (18%)

Magenta (42%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RYB color 209, 148, 185 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, 148, 185 by changing the saturation by 10% instead.

 209, 148, 185

 209, 148, 185

255, 255, 255


 181, 122, 158

 255, 203, 241

 154, 96, 132

 255, 231, 255

 127, 72, 107

 101, 48, 82


 76, 25, 59

 52, 2, 38

 32, 0, 17

 0, 0, 0


 209, 148, 185

 209, 148, 185

 209, 127, 177

 209, 169, 193

 209, 106, 169

 209, 190, 201

 209, 85, 160

 209, 210, 211

 209, 64, 152

 209, 226, 232

 209, 44, 144

 209, 241, 253

 209, 23, 136

 209, 239, 255

 209, 2, 127

 209, 235, 255

 209, 0, 127

 209, 233, 255

 209, 232, 255

Harmonies

Analogous

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



182, 156, 208



209, 148, 185



221, 146, 157

Triad

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



209, 148, 185



121, 176, 112



78, 133, 201

Complementary

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



209, 148, 185



148, 192, 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.



85, 135, 181



209, 148, 185



124, 175, 154

Square

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



209, 148, 185



201, 201, 115



113, 157, 180



104, 147, 217

Rectangle

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



209, 148, 185



220, 149, 140



113, 157, 180



76, 131, 193

Sweetspot

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



209, 148, 185



255, 232, 246



171, 148, 209



128, 113, 122



0, 0, 0



128, 128, 128

Same Dimension

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



209, 148, 185



255, 166, 220



209, 148, 155



105, 94, 100



168, 0, 102



41, 0, 25

Inverse Universe

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



209, 148, 185



255, 166, 220



148, 180, 209



105, 94, 100



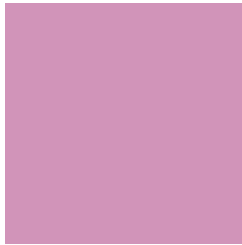
168, 0, 102



41, 0, 25

Previews

White Background



This preview shows how the RYB color 209, 148, 185 looks on a white background.

Color Contrast Check

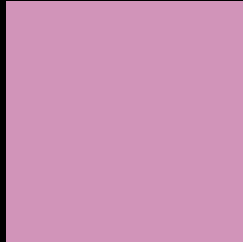
Large Text (above 18pt) WCAG AA × Fail

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, 148, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

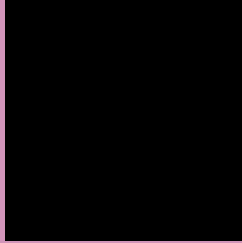
Any Text WCAG AA ✓ Pass

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, 148, 185 Background



This preview shows how black text looks on a background with the RYB color 209, 148, 185.



This preview shows how white text looks on a background with the RYB color 209, 148, 185.

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
209, 148, 185

Protanopia
160, 164, 196

Deuteranopia
175, 162, 182



Tritanopia
206, 152, 163

Trichromacy



Original Color
209, 148, 185

Protanomaly
178, 159, 192

Deuteranomaly
187, 157, 183

Tritanomaly
207, 151, 171

Monochromacy



Original Color
209, 148, 185

Achromatopsia
170, 170, 170

Achromatomaly
184, 162, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 148, 185 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, 148, 185) looks like.

```
.text, #text, p{  
    color:rgb(209, 148, 185)  
}
```

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, 148, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 148, 185) }
```

Border

The CSS property to change the border of an element to RYB 209, 148, 185 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, 148, 185) }
```

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

```
.border{ border-color:rgb(209, 148, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 148, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 148, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 148, 185);  
box-shadow:4px 4px 4px 4px rgb(209, 148,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 209, 148, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 148, 185) }
```

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

```
.background{ background-color: rgb(209,  
148, 185) }
```

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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