

Converting Colors

`RYB(179, 148, 209)`

Have a look what the booklet for
RYB(179, 148, 209) contains.

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Color

R_YB(179, 148, 209)

Conversions

Conversions Part 1

Format	Color
Hex	B394D1
RGB	179, 148, 209
RGB Percent	70%, 58%, 82%
CMY	0.2980, 0.4196, 0.1804
CMYK	0.14, 0.29, 0.00, 0.18
HSL	270°, 40%, 70%
HSV	270°, 29%, 82%
XYZ	40.6889, 35.3670, 65.0036
YIQ	164.2230, -1.1050, 25.5430

Conversions

Conversions Part 2

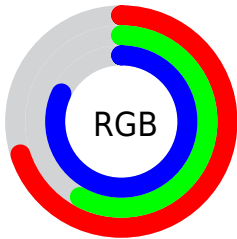
Format	Color
R_{YB}	179, 148, 209
Decimal	11769041
CIE _{Lab}	66.03, 23.24, -26.97
CIE _{LCh}	66, 35.601, 310.755
Yxy	35.3670, 0.2885, 0.2507
Android (android.graphics.Color)	4289959121 (0xFFB394D1)
YUV	164.2230, 22.0751, 12.9594
Hunter-Lab	59.4701, 18.0554, -23.1776

Details

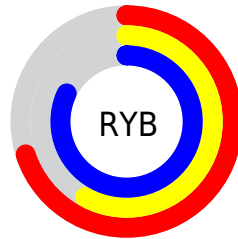
The RYB color **179, 148, 209** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **148, 209, 179**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **235, 202, 255**, and **125, 97, 154** is the 20% darker color. If you saturate the color by 10%, you get **169, 127, 209**, and if you desaturate by 10%, it is **189, 169, 209**.

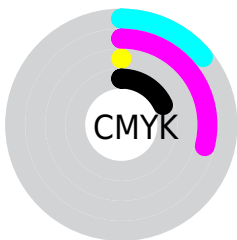
Distribution



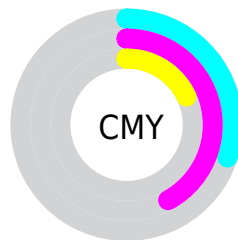
- Red (70%)
- Green (58%)
- Blue (82%)



- Red (70%)
- Yellow (58%)
- Blue (82%)



- Cyan (14%)
- Magenta (29%)
- Yellow (0%)
- Black (18%)



- Cyan (30%)
- Magenta (42%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 179, 148, 209 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 179, 148, 209 by changing the saturation by 10% instead.


 179, 148, 209

255, 255, 255


 235, 202, 255

 255, 230, 255


 179, 148, 209

 152, 122, 181

 125, 97, 154

 100, 73, 128

 75, 50, 103

 51, 28, 79

 28, 6, 55

 0, 0, 34

 0, 0, 7

 0, 0, 0

■ 179, 148, 209

■ 179, 148, 209

■ 169, 127, 209

■ 189, 169, 209

■ 158, 106, 209

■ 200, 190, 209

■ 148, 85, 209

■ 209, 211, 210

■ 138, 64, 209

■ 209, 232, 221

■ 128, 44, 209

■ 209, 253, 232

■ 117, 23, 209

■ 209, 255, 223

■ 107, 2, 209

■ 209, 255, 213

■ 106, 0, 209

■ 209, 255, 209

Harmonies

Analogous

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



133, 154, 223



179, 148, 209



210, 138, 182

Triad

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



179, 148, 209



195, 199, 101



51, 116, 178

Complementary

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



179, 148, 209



148, 209, 179

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.



95, 148, 176



179, 148, 209



106, 170, 97

Square

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



179, 148, 209



218, 147, 120



111, 171, 147



28, 108, 201

Rectangle

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



179, 148, 209



220, 136, 161



111, 171, 147



66, 127, 178

Sweetspot

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



179, 148, 209



244, 232, 255



148, 169, 209



121, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



179, 148, 209



211, 166, 255



209, 148, 209



99, 94, 105



86, 0, 168



21, 0, 41

Inverse Universe

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



209, 148, 178



255, 166, 210



148, 209, 209



105, 94, 99



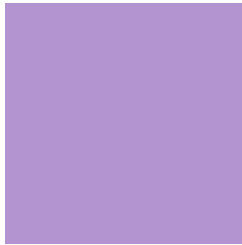
168, 0, 83



41, 0, 20

Previews

White Background



This preview shows how the RYB color 179, 148, 209 looks on a white background.

Color Contrast Check

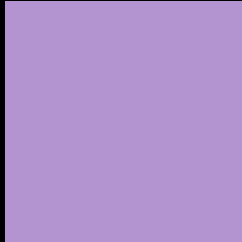
Large Text (above 18pt) WCAG AA × Fail

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 179, 148, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

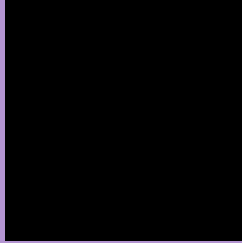
Any Text WCAG AA ✓ Pass

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 179, 148, 209 Background



This preview shows how black text looks on a background with the RYB color 179, 148, 209.



This preview shows how white text looks on a background with the RYB color 179, 148, 209.

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
179, 148, 209

Protanopia
144, 156, 217

Deuteranopia
152, 157, 207



Tritanopia
172, 156, 168

Trichromacy



Original Color
179, 148, 209

Protanomaly
157, 155, 214

Deuteranomaly
162, 154, 208

Tritanomaly
175, 153, 183

Monochromacy



Original Color
179, 148, 209

Achromatopsia
164, 164, 164

Achromatomaly
169, 158, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 179, 148, 209 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(179, 148, 209)` looks like.

```
.text, #text, p{  
    color:rgb(179, 148, 209)  
}
```

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(179, 148, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 148, 209) }
```

Border

The CSS property to change the border of an element to RYB 179, 148, 209 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(179, 148, 209) }
```

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

```
.border{ border-color:rgb(179, 148, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 148, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 148, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 148, 209);  
box-shadow:4px 4px 4px 4px rgb(179, 148,  
209) }
```

Background

The CSS property to change the background color of an element to RYB 179, 148, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 148, 209) }
```

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

```
.background{ background-color: rgb(179,  
148, 209) }
```

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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