

Converting Colors

`RYB(179, 128, 158)`

Have a look what the booklet for
RYB(179, 128, 158) contains.

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Color

R_YB(179, 128, 158)

Conversions

Conversions Part 1

Format	Color
Hex	B3809E
RGB	179, 128, 158
RGB Percent	70%, 50%, 62%
CMY	0.2980, 0.4980, 0.3804
CMYK	0.00, 0.28, 0.12, 0.30
HSL	325°, 25%, 60%
HSV	325°, 28%, 70%
XYZ	32.4811, 27.4907, 35.9420
YIQ	146.6690, 20.7660, 20.1420

Conversions

Conversions Part 2

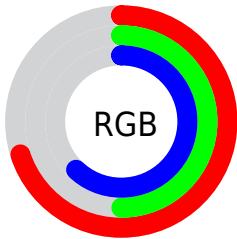
Format	Color
RYB	179, 128, 158
Decimal	11763870
CIELab	59.43, 24.46, -8.18
CIELCh	59, 25.790, 341.513
Yxy	27.4907, 0.3386, 0.2866
Android (android.graphics.Color)	4289953950 (0xFFB3809E)
YUV	146.6690, 5.5862, 28.3543
Hunter-Lab	52.4315, 18.8248, -3.9415

Details

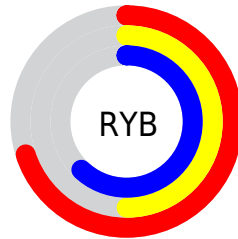
The RYB color **179, 128, 158** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **128, 164, 179**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **235, 181, 213**, and **125, 78, 107** is the 20% darker color. If you saturate the color by 10%, you get **179, 110, 151**, and if you desaturate by 10%, it is **179, 146, 165**.

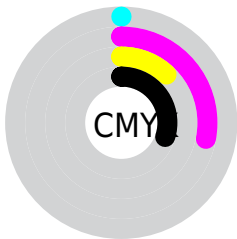
Distribution



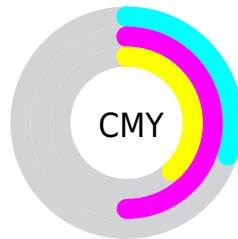
- Red (70%)
- Green (50%)
- Blue (62%)



- Red (70%)
- Yellow (50%)
- Blue (62%)



- Cyan (0%)
- Magenta (28%)
- Yellow (12%)
- Black (30%)



- Cyan (30%)
- Magenta (50%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 179, 128, 158 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, 128, 158 by changing the saturation by 10% instead.

 179, 128, 158

255, 255, 255

 235, 181, 213

 255, 209, 241


 255, 237, 255

 179, 128, 158

 152, 103, 132

 125, 78, 107

 100, 55, 82

 75, 32, 59

 51, 9, 38

 33, 0, 17

 0, 0, 0

 179, 128, 158

 179, 110, 151

 179, 128, 158


 179, 146, 165

 179, 92, 143


 179, 164, 173

 179, 74, 136


 179, 181, 182

 179, 56, 129

 179, 194, 200

 179, 39, 121

 179, 207, 218

 179, 21, 114

 179, 219, 235

 179, 3, 106

 179, 231, 253

 179, 0, 105

 179, 230, 255

 179, 227, 255

Harmonies

Analogous

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



157, 134, 177



179, 128, 158



188, 126, 135

Triad

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



179, 128, 158



105, 150, 98



73, 118, 172

Complementary

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



179, 128, 158



128, 164, 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.



77, 118, 156



179, 128, 158



109, 151, 135

Square

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



179, 128, 158



167, 171, 101



99, 136, 155



94, 128, 185

Rectangle

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



179, 128, 158



188, 129, 120



99, 136, 155



71, 116, 166

Sweetspot

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



179, 128, 158



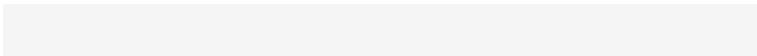
232, 211, 223



148, 128, 179



117, 104, 112



245, 245, 245



117, 117, 117

Same Dimension

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



179, 128, 158



232, 153, 200



179, 128, 133



89, 80, 86



153, 0, 90



26, 0, 15

Inverse Universe

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



179, 128, 158



232, 153, 200



128, 155, 179



89, 80, 86



153, 0, 90



26, 0, 15

Previews

White Background



This preview shows how the RYB color 179, 128, 158 looks on a white background.

Color Contrast Check

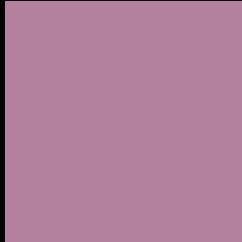
Large Text (above 18pt) WCAG AA ✓ Pass

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 179, 128, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

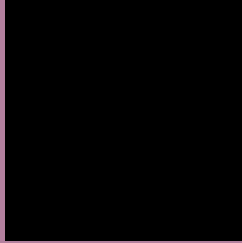
Any Text WCAG AA ✓ Pass

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 179, 128, 158 Background



This preview shows how black text looks on a background with the RYB color 179, 128, 158.



This preview shows how white text looks on a background with the RYB color 179, 128, 158.

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, 128, 158

Protanopia
139, 142, 167

Deuteranopia
152, 139, 156



Tritanopia
177, 131, 141

Trichromacy



Original Color
179, 128, 158

Protanomaly
154, 137, 164

Deuteranomaly
162, 135, 157

Tritanomaly
178, 130, 147

Monochromacy



Original Color
179, 128, 158

Achromatopsia
147, 147, 147

Achromatomaly
159, 140, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 179, 128, 158 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, 128, 158)` looks like.

```
.text, #text, p{  
    color:rgb(179, 128, 158)  
}
```

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, 128, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 128, 158) }
```

Border

The CSS property to change the border of an element to RYB 179, 128, 158 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, 128, 158) }
```

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

```
.border{ border-color:rgb(179, 128, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 128, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 128, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 128, 158);  
box-shadow:4px 4px 4px 4px rgb(179, 128,  
158) }
```

Background

The CSS property to change the background color of an element to RYB 179, 128, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 128, 158) }
```

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

```
.background{ background-color: rgb(179,  
128, 158) }
```

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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