

Converting Colors

`RYB(198, 119, 139)`

Have a look what the booklet for RYB(198, 119, 139) contains.

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Color

$\text{RYB}(198, 119, 139)$

Conversions

Conversions Part 1

Format	Color
Hex	C6778B
RGB	198, 119, 139
RGB Percent	78%, 47%, 55%
CMY	0.2235, 0.5333, 0.4549
CMYK	0.00, 0.40, 0.30, 0.22
HSL	345°, 41%, 62%
HSV	345°, 40%, 78%
XYZ	34.5457, 27.0635, 27.8291
YIQ	144.9010, 40.6640, 22.9680

Conversions

Conversions Part 2

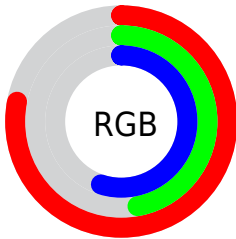
Format	Color
RYB	198, 119, 139
Decimal	13006731
CIELab	59.03, 33.41, 2.44
CIELCh	59, 33.496, 4.183
Yxy	27.0635, 0.3863, 0.3026
Android (android.graphics.Color)	4291196811 (0xFFC6778B)
YUV	144.9010, -2.9092, 46.5678
Hunter-Lab	52.0226, 27.4938, 4.6990

Details

The RYB color **198, 119, 139** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **119, 164, 198**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **255, 172, 192**, and **142, 69, 89** is the 20% darker color. If you saturate the color by 10%, you get **198, 99, 124**, and if you desaturate by 10%, it is **198, 139, 154**.

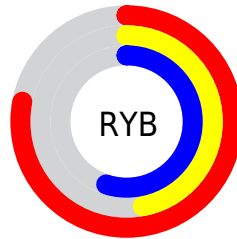
Distribution



Red (78%)

Green (47%)

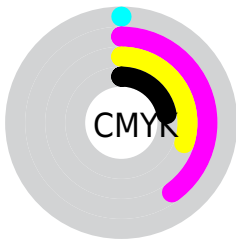
Blue (55%)



Red (78%)

Yellow (47%)

Blue (55%)

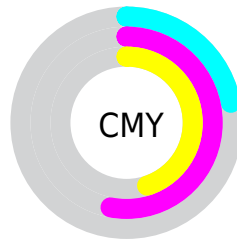


Cyan (0%)

Magenta (40%)

Yellow (30%)

Black (22%)



Cyan (22%)

Magenta (53%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 119, 139 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 198, 119, 139 by changing the saturation by 10% instead.

 198, 119, 139

255, 255, 255

 255, 172, 192


 255, 200, 220


 255, 228, 249

 198, 119, 139

 170, 93, 114

 142, 69, 89

 115, 44, 66

 89, 19, 44

 63, 0, 23

 42, 0, 1

 0, 0, 0

 198, 119, 139

 198, 99, 124

 198, 119, 139

 198, 139, 154

198, 79, 109

198, 159, 169

198, 60, 95

198, 178, 183

198, 40, 80

198, 198, 198

198, 20, 65

198, 209, 218

198, 0, 50

198, 221, 238

198, 230, 255

198, 227, 255

Harmonies

Analogous

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



183, 123, 168



198, 119, 139



197, 125, 111

Triad

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



198, 119, 139



92, 150, 116



52, 111, 194

Complementary

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



198, 119, 139



119, 164, 198

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.



1, 83, 174



198, 119, 139



90, 138, 156

Square

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



198, 119, 139



102, 157, 83



48, 106, 158



106, 133, 200

Rectangle

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



198, 119, 139



189, 146, 95



48, 106, 158



32, 101, 189

Sweetspot

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



198, 119, 139



255, 224, 232



177, 119, 198



128, 110, 114



0, 0, 0



128, 128, 128

Same Dimension

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



198, 119, 139



255, 133, 164



198, 142, 119



99, 90, 92



163, 0, 41



36, 0, 9

Inverse Universe

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



198, 119, 139



255, 133, 164



119, 153, 198



99, 90, 92



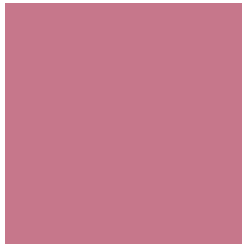
163, 0, 41



36, 0, 9

Previews

White Background



This preview shows how the RYB color 198, 119, 139 looks on a white background.

Color Contrast Check

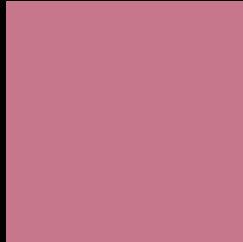
Large Text (above 18pt) WCAG AA ✓ Pass

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 198, 119, 139 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](#).

R Y B 198, 119, 139 Background



This preview shows how black text looks on a background with the RYB color 198, 119, 139.



This preview shows how white text looks on a background with the RYB color 198, 119, 139.

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
198, 119, 139

Protanopia
142, 142, 152

Deuteranopia
159, 138, 136



Tritanopia
197, 121, 130

Trichromacy



Original Color
198, 119, 139

Protanomaly
162, 134, 147

Deuteranomaly
173, 131, 137

Tritanomaly
197, 120, 133

Monochromacy



Original Color
198, 119, 139

Achromatopsia
145, 145, 145

Achromatomaly
164, 136, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 119, 139 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(198, 119, 139) looks like.

```
.text, #text, p{  
    color:rgb(198, 119, 139)  
}
```

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(198, 119, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 119, 139) }
```

Border

The CSS property to change the border of an element to RYB 198, 119, 139 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(198, 119, 139) }
```

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

```
.border{ border-color:rgb(198, 119, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 119, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 119, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 119, 139);  
box-shadow:4px 4px 4px 4px rgb(198, 119,  
139) }
```

Background

The CSS property to change the background color of an element to RYB 198, 119, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 119, 139) }
```

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

```
.background{ background-color: rgb(198,  
119, 139) }
```

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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