

Converting Colors

RGB(199, 121, 189)

Have a look what the booklet for
RGB(199, 121, 189) contains.

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Color

RGB(199, 121, 189)

Conversions

Conversions Part 1

Format	Color
Hex	C779BD
RGB	199, 121, 189
RGB Percent	78%, 47%, 74%
CMY	0.2196, 0.5255, 0.2588
CMYK	0.00, 0.39, 0.05, 0.22
HSL	308°, 41%, 63%
HSV	308°, 39%, 78%
XYZ	39.5759, 29.4910, 51.7506
YIQ	152.0740, 24.6600, 37.6840

Conversions

Conversions Part 2

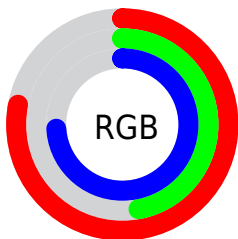
Format	Color
RYB	199, 121, 189
Decimal	13072829
CIELab	61.21, 40.55, -22.96
CIELCh	61, 46.599, 330.487
Yxy	29.4910, 0.3276, 0.2441
Android (android.graphics.Color)	4291262909 (0xFFC779BD)
YUV	152.0740, 18.2045, 41.1541
Hunter-Lab	54.3056, 35.0493, -18.4865

Details

The RGB color **199, 121, 189** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **121, 199, 131**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **255, 175, 245**, and **144, 70, 135** is the 20% darker color. If you saturate the color by 10%, you get **199, 101, 186**, and if you desaturate by 10%, it is **199, 141, 192**.

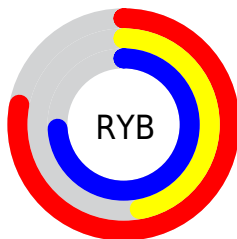
Distribution



Red (78%)

Green (47%)

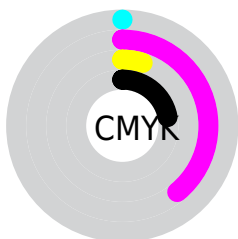
Blue (74%)



Red (78%)

Yellow (47%)

Blue (74%)

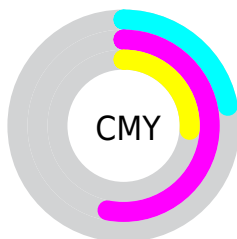


Cyan (0%)

Magenta (39%)

Yellow (5%)

Black (22%)



Cyan (22%)

Magenta (53%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 121, 189 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 RGB color 199, 121, 189 by changing the saturation by 10% instead.

 199, 121, 189


255, 255, 255

 255, 175, 245

 255, 203, 255


 255, 231, 255

 199, 121, 189

 171, 95, 162

 144, 70, 135

 117, 45, 110

 91, 18, 85

 66, 0, 62

 44, 0, 40

 0, 0, 17

 0, 0, 0

 199, 121, 189

 199, 121, 189

 199, 101, 186

 199, 141, 192

 199, 81, 184

 199, 161, 194

 199, 61, 181

 199, 181, 197

 199, 41, 179

 199, 201, 199

 199, 21, 176

 199, 221, 202

 199, 2, 174

 199, 240, 204

 199, 0, 173

 199, 255, 207

 199, 255, 209

 199, 255, 212

Harmonies

Analogous

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



151, 137, 219



199, 121, 189



222, 113, 149

Triad

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



199, 121, 189



171, 146, 62



0, 168, 188

Complementary

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



199, 121, 189



121, 199, 131

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, 168, 147



199, 121, 189



129, 158, 74

Square

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



199, 121, 189



204, 131, 76



75, 165, 106



0, 162, 219

Rectangle

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



199, 121, 189



225, 114, 121



75, 165, 106



0, 168, 175

Sweetspot

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



199, 121, 189



255, 224, 251



130, 121, 199



128, 110, 125



0, 0, 0



128, 128, 128

Same Dimension

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



199, 121, 189



255, 135, 240



199, 121, 151



99, 90, 98



163, 0, 142



36, 0, 31

Inverse Universe

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



199, 121, 189



255, 135, 240



121, 199, 169



99, 90, 98



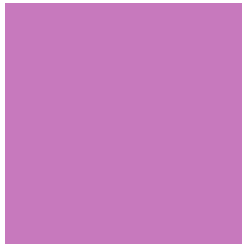
163, 0, 142



36, 0, 31

Previews

White Background



This preview shows how the RGB color 199, 121, 189 looks on a white background.

Color Contrast Check

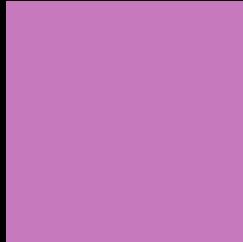
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 199, 121, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

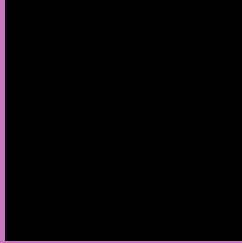
Any Text WCAG AA ✓ Pass

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](#).

RGB 199, 121, 189 Background



This preview shows how black text looks on a background with the RGB color 199, 121, 189.



This preview shows how white text looks on a background with the RGB color 199, 121, 189.

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
199, 121, 189

Protanopia
129, 146, 208

Deuteranopia
144, 145, 185



Tritanopia
193, 131, 141

Trichromacy



Original Color

199, 121, 189



Protanomaly

154, 137, 201



Deuteranomaly

164, 136, 186



Tritanomaly

195, 127, 158

Monochromacy



Original Color

199, 121, 189



Achromatopsia

152, 152, 152



Achromatomaly

169, 141, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 121, 189 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(199, 121, 189)` looks like.

```
.text, #text, p{  
    color:rgb(199, 121, 189)  
}
```

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(199, 121, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 121, 189) }
```

Border

The CSS property to change the border of an element to RGB 199, 121, 189 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(199, 121, 189) }
```

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

```
.border{ border-color:rgb(199, 121, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 121, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 121, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 121, 189); box-shadow:4px 4px 4px 4px rgb(199, 121, 189) }
```

Background

The CSS property to change the background color of an element to RGB 199, 121, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 121, 189) }
```

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

```
.background{ background-color: rgb(199,  
121, 189) }
```

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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