

Converting Colors

RGB(199, 72, 151)

Have a look what the booklet for
RGB(199, 72, 151) contains.

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Color

RGB(199, 72, 151)

Conversions

Conversions Part 1

Format	Color
Hex	C74897
RGB	199, 72, 151
RGB Percent	78%, 28%, 59%
CMY	0.2196, 0.7176, 0.4078
CMYK	0.00, 0.64, 0.24, 0.22
HSL	323°, 53%, 53%
HSV	323°, 64%, 78%
XYZ	31.4565, 19.0112, 31.2897
YIQ	118.9790, 50.3330, 51.4930

Conversions

Conversions Part 2

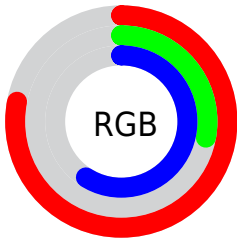
Format	Color
RYB	199, 72, 151
Decimal	13060247
CIELab	50.70, 58.35, -16.98
CIELCh	51, 60.774, 343.776
Yxy	19.0112, 0.3848, 0.2325
Android (android.graphics.Color)	4291250327 (0xFFC74897)
YUV	118.9790, 15.7864, 70.1784
Hunter-Lab	43.6018, 52.4753, -12.0267

Details

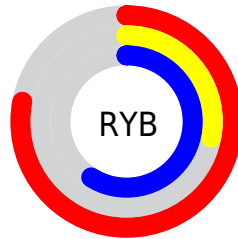
The RGB color **199, 72, 151** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **72, 199, 120**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **255, 128, 205**, and **141, 0, 100** is the 20% darker color. If you saturate the color by 10%, you get **199, 52, 143**, and if you desaturate by 10%, it is **199, 92, 159**.

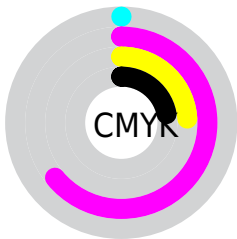
Distribution



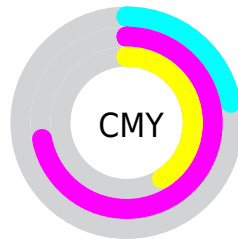
- Red (78%)
- Green (28%)
- Blue (59%)



- Red (78%)
- Yellow (28%)
- Blue (59%)



- Cyan (0%)
- Magenta (64%)
- Yellow (24%)
- Black (22%)



- Cyan (22%)
- Magenta (72%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 72, 151 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, 72, 151 by changing the saturation by 10% instead.



199, 72, 151



199, 72, 151

255, 255, 255



170, 42, 125



255, 128, 205



141, 0, 100



255, 156, 234



113, 0, 76



255, 184, 255



86, 0, 53



255, 213, 255



61, 0, 32



255, 242, 255



32, 0, 3



0, 0, 0



199, 72, 151



199, 72, 151



199, 52, 143



199, 92, 159

■ 199, 32, 136

■ 199, 112, 166

■ 199, 12, 128

■ 199, 132, 174

■ 199, 0, 124

■ 199, 152, 181

■ 199, 172, 189

■ 199, 191, 196

■ 199, 211, 204

■ 199, 231, 211

■ 199, 251, 219

Harmonies

Analogous

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



153, 95, 196



199, 72, 151



213, 67, 99

Triad

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



199, 72, 151



123, 126, 0



0, 142, 192

Complementary

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



199, 72, 151



72, 199, 120

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, 144, 144



199, 72, 151



62, 137, 38

Square

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



199, 72, 151



168, 108, 0



0, 143, 90



0, 134, 220

Rectangle

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



199, 72, 151



207, 77, 66



0, 143, 90



0, 144, 177

Sweetspot

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



199, 72, 151



255, 207, 237



119, 72, 199



128, 98, 116



0, 0, 0



128, 128, 128

Same Dimension

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



199, 72, 151



255, 59, 181



199, 72, 89



99, 90, 96



163, 0, 102



36, 0, 22

Inverse Universe

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



199, 72, 151



255, 59, 181



72, 199, 182



99, 90, 96



163, 0, 102



36, 0, 22

Previews

White Background



This preview shows how the RGB color 199, 72, 151 looks on a white background.

Color Contrast Check

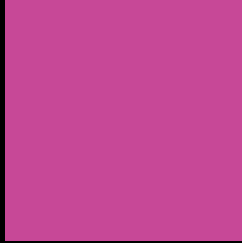
Large Text (above 18pt) WCAG AA ✓ Pass

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, 72, 151 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, 72, 151 Background



This preview shows how black text looks on a background with the RGB color 199, 72, 151.

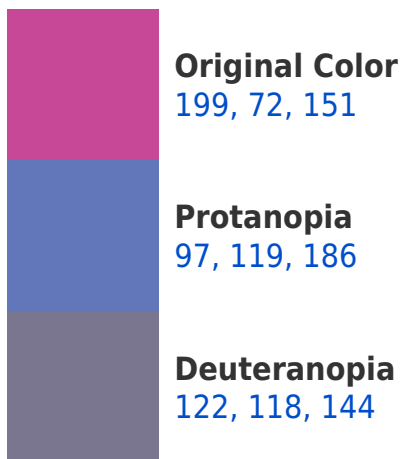


This preview shows how white text looks on a background with the RGB color 199, 72, 151.

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





Tritanopia
194, 87, 93

Trichromacy



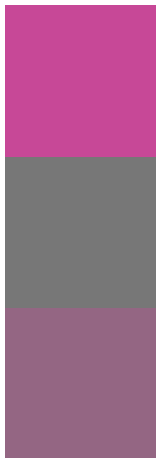
Original Color
199, 72, 151

Protanomaly
134, 102, 173

Deuteranomaly
150, 101, 147

Tritanomaly
196, 82, 114

Monochromacy



Original Color
199, 72, 151

Achromatopsia
119, 119, 119

Achromatomaly
148, 102, 131

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 72, 151 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, 72, 151)` looks like.

```
.text, #text, p{  
    color:rgb(199, 72, 151)  
}
```

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, 72, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 72, 151) }
```

Border

The CSS property to change the border of an element to RGB 199, 72, 151 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, 72, 151) }
```

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

```
.border{ border-color:rgb(199, 72, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 72, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 72, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 72, 151);  
box-shadow:4px 4px 4px 4px rgb(199, 72,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 199, 72, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 72, 151) }
```

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

```
.background{ background-color: rgb(199, 72,  
151) }
```

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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