

Converting Colors

RGB(199, 42, 184)

Have a look what the booklet for
RGB(199, 42, 184) contains.

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Color

RGB(199, 42, 184)

Conversions

Conversions Part 1

Format	Color
Hex	C72AB8
RGB	199, 42, 184
RGB Percent	78%, 16%, 72%
CMY	0.2196, 0.8353, 0.2784
CMYK	0.00, 0.79, 0.08, 0.22
HSL	306°, 65%, 47%
HSV	306°, 79%, 78%
XYZ	33.0329, 17.2587, 46.9376
YIQ	105.1310, 47.9900, 77.4460

Conversions

Conversions Part 2

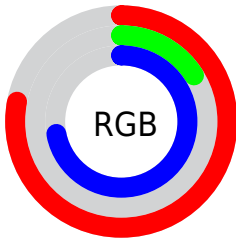
Format	Color
R_{YB}	199, 42, 184
Decimal	13052600
CIE _{Lab}	48.58, 73.16, -39.73
CIE _{LCh}	49, 83.250, 331.494
Yxy	17.2587, 0.3397, 0.1775
Android (android.graphics.Color)	4291242680 (0xFFC72AB8)
YUV	105.1310, 38.8824, 82.3231
Hunter-Lab	41.5436, 69.2306, -37.9076

Details

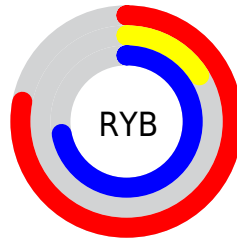
The RGB color **199, 42, 184** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted rose. A complement of this color would be **42, 199, 57**, and the grayscale version is **105, 105, 105**.

A 20% lighter version of the original color is **255, 106, 241**, and **141, 0, 130** is the 20% darker color. If you saturate the color by 10%, you get **199, 22, 182**, and if you desaturate by 10%, it is **199, 62, 186**.

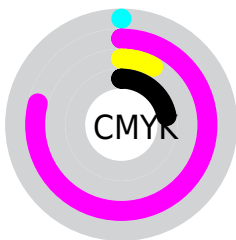
Distribution



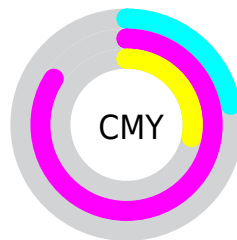
- Red (78%)
- Green (16%)
- Blue (72%)



- Red (78%)
- Yellow (16%)
- Blue (72%)



- Cyan (0%)
- Magenta (79%)
- Yellow (8%)
- Black (22%)



- Cyan (22%)
- Magenta (84%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 42, 184 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, 42, 184 by changing the saturation by 10% instead.

 199, 42, 184

 199, 42, 184

255, 255, 255

 170, 0, 157

 255, 106, 241

 141, 0, 130

 255, 136, 255

 112, 0, 105

 255, 165, 255

 84, 0, 80

 255, 194, 255

 59, 0, 57

 255, 224, 255

 28, 0, 34

255, 254, 255

 0, 0, 7

 0, 0, 0

 199, 42, 184

 199, 42, 184

■ 199, 22, 182

■ 199, 62, 186

■ 199, 2, 180

■ 199, 82, 188

■ 199, 0, 180

■ 199, 102, 190

■ 199, 122, 192

■ 199, 142, 194

■ 199, 161, 195

■ 199, 181, 197

■ 199, 201, 199

■ 199, 221, 201

Harmonies

Analogous

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



106, 94, 238



199, 42, 184



233, 0, 115

Triad

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



199, 42, 184



138, 114, 0



0, 144, 188

Complementary

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



199, 42, 184



42, 199, 57

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, 117



199, 42, 184



63, 131, 0

Square

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



199, 42, 184



192, 83, 0



0, 140, 40



0, 139, 240

Rectangle

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



199, 42, 184



232, 0, 69



0, 140, 40



0, 144, 166

Sweetspot

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



199, 42, 184



255, 194, 249



55, 42, 199



128, 91, 124



0, 0, 0



128, 128, 128

Same Dimension

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



199, 42, 184



255, 13, 232



199, 42, 107



99, 90, 98



163, 0, 148



36, 0, 32

Inverse Universe

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



199, 42, 184



255, 13, 232



42, 199, 134



99, 90, 98



163, 0, 148



36, 0, 32

Previews

White Background



This preview shows how the RGB color 199, 42, 184 looks on a white background.

Color Contrast Check

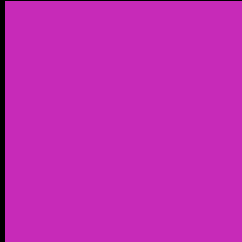
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 199, 42, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

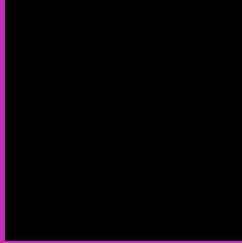
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 199, 42, 184 Background



This preview shows how black text looks on a background with the RGB color 199, 42, 184.

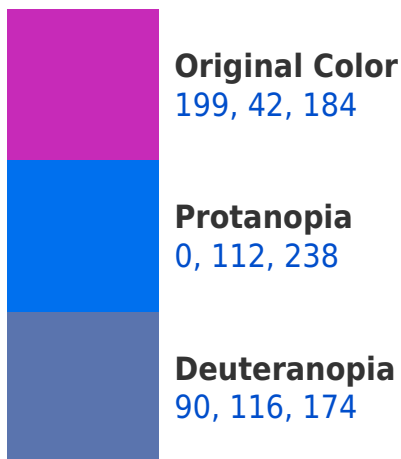


This preview shows how white text looks on a background with the RGB color 199, 42, 184.

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
189, 80, 86

Trichromacy



Original Color

199, 42, 184



Protanomaly

72, 87, 218



Deuteranomaly

130, 89, 178



Tritanomaly

193, 66, 122

Monochromacy



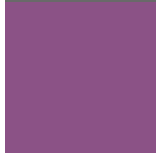
Original Color

199, 42, 184



Achromatopsia

105, 105, 105



Achromatomaly

139, 82, 134

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 42, 184 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, 42, 184) looks like.

```
.text, #text, p{  
    color:rgb(199, 42, 184)  
}
```

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, 42, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 42, 184) }
```

Border

The CSS property to change the border of an element to RGB 199, 42, 184 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, 42, 184) }
```

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

```
.border{ border-color:rgb(199, 42, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 42, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 42, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 42, 184);  
box-shadow:4px 4px 4px 4px rgb(199, 42,  
184) }
```

Background

The CSS property to change the background color of an element to RGB 199, 42, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 42, 184) }
```

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

```
.background{ background-color: rgb(199, 42,  
184) }
```

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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