

Converting Colors

RGB(199, 36, 172)

Have a look what the booklet for
RGB(199, 36, 172) contains.

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Color

RGB(199, 36, 172)

Conversions

Conversions Part 1

Format	Color
Hex	C724AC
RGB	199, 36, 172
RGB Percent	78%, 14%, 67%
CMY	0.2196, 0.8588, 0.3255
CMYK	0.00, 0.82, 0.14, 0.22
HSL	310°, 69%, 46%
HSV	310°, 82%, 78%
XYZ	31.6305, 16.3824, 40.5247
YIQ	100.2410, 53.4920, 76.8520

Conversions

Conversions Part 2

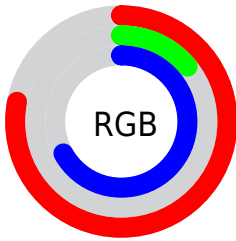
Format	Color
R_{YB}	199, 36, 172
Decimal	13051052
CIE _{Lab}	47.47, 72.90, -34.43
CIE _{LCh}	47, 80.624, 334.721
Yxy	16.3824, 0.3573, 0.1850
Android (android.graphics.Color)	4291241132 (0xFFC724AC)
YUV	100.2410, 35.3772, 86.6116
Hunter-Lab	40.4752, 68.6621, -31.0299

Details

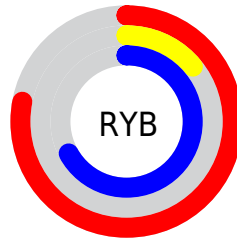
The RGB color **199, 36, 172** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle muted rose. A complement of this color would be **36, 199, 63**, and the grayscale version is **100, 100, 100**.

A 20% lighter version of the original color is **255, 102, 228**, and **141, 0, 119** is the 20% darker color. If you saturate the color by 10%, you get **199, 16, 169**, and if you desaturate by 10%, it is **199, 56, 175**.

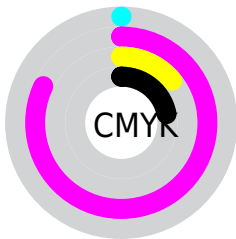
Distribution



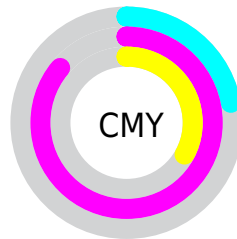
- Red (78%)
- Green (14%)
- Blue (67%)



- Red (78%)
- Yellow (14%)
- Blue (67%)



- Cyan (0%)
- Magenta (82%)
- Yellow (14%)
- Black (22%)



- Cyan (22%)
- Magenta (86%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 36, 172 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, 36, 172 by changing the saturation by 10% instead.



199, 36, 172



199, 36, 172

255, 255, 255



170, 0, 145



255, 102, 228



141, 0, 119



255, 132, 255



112, 0, 94



255, 161, 255



84, 0, 70



255, 190, 255



58, 0, 47



255, 220, 255



26, 0, 25



255, 250, 255



0, 0, 0



199, 36, 172



199, 36, 172



199, 16, 169



199, 56, 175

■ 199, 0, 166

■ 199, 76, 179

■ 199, 96, 182

■ 199, 116, 185

■ 199, 136, 188

■ 199, 155, 192

■ 199, 175, 195

■ 199, 195, 198

■ 199, 215, 202

Harmonies

Analogous

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



119, 88, 226



199, 36, 172



227, 0, 105

Triad

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



199, 36, 172



128, 114, 0



0, 140, 189

Complementary

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



199, 36, 172



36, 199, 63

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, 140, 122



199, 36, 172



51, 129, 0

Square

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



199, 36, 172



182, 86, 0



0, 137, 49



0, 135, 237

Rectangle

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



199, 36, 172



224, 8, 61



0, 137, 49



0, 141, 168

Sweetspot

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



199, 36, 172



255, 191, 244



60, 36, 199



128, 89, 121



0, 0, 0



128, 128, 128

Same Dimension

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



199, 36, 172



255, 5, 214



199, 36, 93



99, 90, 98



163, 0, 136



36, 0, 30

Inverse Universe

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



199, 36, 172



255, 5, 214



36, 199, 142



99, 90, 98



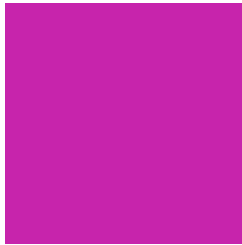
163, 0, 136



36, 0, 30

Previews

White Background



This preview shows how the RGB color 199, 36, 172 looks on a white background.

Color Contrast Check

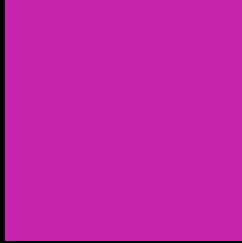
Large Text (above 18pt) WCAG AA ✓ Pass

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, 36, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

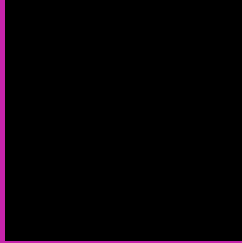
Any Text WCAG AA × Fail

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, 36, 172 Background



This preview shows how black text looks on a background with the RGB color 199, 36, 172.

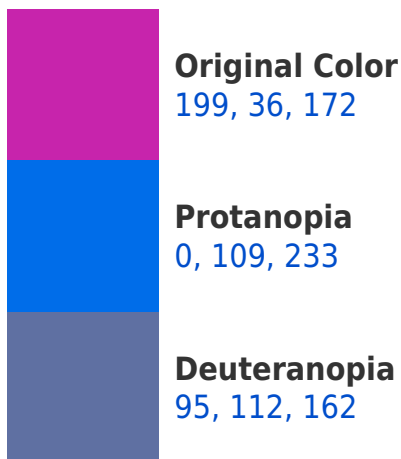


This preview shows how white text looks on a background with the RGB color 199, 36, 172.

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
190, 74, 78

Trichromacy



Original Color

199, 36, 172



Protanomaly

72, 82, 211



Deuteranomaly

133, 84, 166



Tritanomaly

193, 60, 112

Monochromacy



Original Color

199, 36, 172



Achromatopsia

100, 100, 100



Achromatomaly

136, 77, 126

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 36, 172 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, 36, 172)` looks like.

```
.text, #text, p{  
    color:rgb(199, 36, 172)  
}
```

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, 36, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 36, 172) }
```

Border

The CSS property to change the border of an element to RGB 199, 36, 172 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, 36, 172) }
```

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

```
.border{ border-color:rgb(199, 36, 172) }
```

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

Here you see how a box with a 4 pixel rgb(199, 36, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 36, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 36, 172);  
box-shadow:4px 4px 4px 4px rgb(199, 36,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 199, 36, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 36, 172) }
```

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

```
.background{ background-color: rgb(199, 36,  
172) }
```

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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