

Converting Colors

RGB(199, 29, 154)

Have a look what the booklet for
RGB(199, 29, 154) contains.

RGB(199, 29, 154)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(199, 29, 154)

Conversions

Conversions Part 1

Format	Color
Hex	C71D9A
RGB	199, 29, 154
RGB Percent	78%, 11%, 60%
CMY	0.2196, 0.8863, 0.3961
CMYK	0.00, 0.85, 0.23, 0.22
HSL	316°, 75%, 45%
HSV	316°, 85%, 78%
XYZ	29.8253, 15.3539, 31.9635
YIQ	94.0800, 61.1950, 74.9150

Conversions

Conversions Part 2

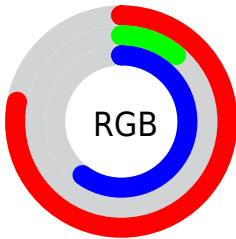
Format	Color
R _{YB}	199, 29, 154
Decimal	13049242
CIE _{Lab}	46.12, 72.03, -25.83
CIE _{LCh}	46, 76.522, 340.275
Yxy	15.3539, 0.3866, 0.1990
Android (android.graphics.Color)	4291239322 (0xFFC71D9A)
YUV	94.0800, 29.5406, 92.0148
Hunter-Lab	39.1841, 67.2945, -20.9355

Details

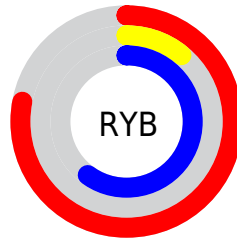
The RGB color **199, 29, 154** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **29, 199, 74**, and the grayscale version is **94, 94, 94**.

A 20% lighter version of the original color is **255, 98, 209**, and **140, 0, 103** is the 20% darker color. If you saturate the color by 10%, you get **199, 9, 149**, and if you desaturate by 10%, it is **199, 49, 159**.

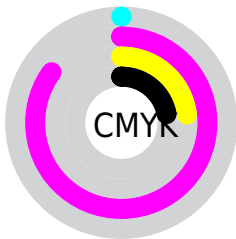
Distribution



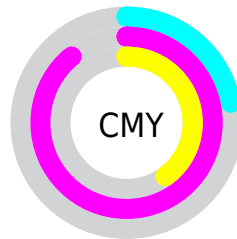
- Red (78%)
- Green (11%)
- Blue (60%)



- Red (78%)
- Yellow (11%)
- Blue (60%)



- Cyan (0%)
- Magenta (85%)
- Yellow (23%)
- Black (22%)



- Cyan (22%)
- Magenta (89%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 29, 154 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, 29, 154 by changing the saturation by 10% instead.

 199, 29, 154

 199, 29, 154

255, 255, 255

 169, 0, 128

 255, 98, 209

 140, 0, 103

 255, 128, 237

 112, 0, 78

 255, 157, 255

 83, 0, 55

 255, 186, 255

 57, 0, 33

 255, 216, 255

 24, 0, 5

 255, 246, 255

 0, 0, 0

 199, 29, 154

 199, 29, 154

 199, 9, 149

 199, 49, 159

■ 199, 0, 146

■ 199, 69, 165

■ 199, 89, 170

■ 199, 109, 175

■ 199, 129, 180

■ 199, 148, 186

■ 199, 168, 191

■ 199, 188, 196

■ 199, 208, 201

Harmonies

Analogous

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



135, 79, 208



199, 29, 154



218, 0, 90

Triad

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



199, 29, 154



114, 114, 0



0, 135, 192

Complementary

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



199, 29, 154



29, 199, 74

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, 136, 130



199, 29, 154



29, 127, 0

Square

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



199, 29, 154



167, 90, 0



0, 133, 63



0, 128, 231

Rectangle

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



199, 29, 154



212, 34, 49



0, 133, 63



0, 136, 173

Sweetspot

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



199, 29, 154



255, 189, 237



72, 29, 199



128, 88, 117



0, 0, 0



128, 128, 128

Same Dimension

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



199, 29, 154



255, 0, 188



199, 29, 72



99, 90, 97



163, 0, 120



36, 0, 26

Inverse Universe

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



199, 29, 154



255, 0, 187



29, 199, 157



99, 90, 97



163, 0, 120



36, 0, 26

Previews

White Background



This preview shows how the RGB color 199, 29, 154 looks on a white background.

Color Contrast Check

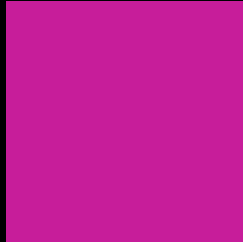
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

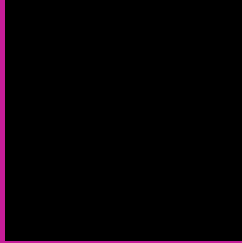
Any Text WCAG AA × Fail

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, 29, 154 Background



This preview shows how black text looks on a background with the RGB color 199, 29, 154.



This preview shows how white text looks on a background with the RGB color 199, 29, 154.

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, 29, 154

Protanopia

49, 107, 213

Deuteranopia

102, 108, 145



Tritanopia
192, 65, 69

Trichromacy



Original Color

199, 29, 154



Protanomaly

104, 79, 192



Deuteranomaly

137, 79, 148



Tritanomaly

195, 52, 100

Monochromacy



Original Color

199, 29, 154



Achromatopsia

94, 94, 94



Achromatomaly

132, 70, 116

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 29, 154 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, 29, 154)` looks like.

```
.text, #text, p{  
    color:rgb(199, 29, 154)  
}
```

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, 29, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 29, 154) }
```

Border

The CSS property to change the border of an element to RGB 199, 29, 154 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, 29, 154) }
```

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

```
.border{ border-color:rgb(199, 29, 154) }
```

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

Here you see how a box with a 4 pixel rgb(199, 29, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 29, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 29, 154);  
box-shadow:4px 4px 4px 4px rgb(199, 29,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 199, 29, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 29, 154) }
```

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

```
.background{ background-color: rgb(199, 29,  
154) }
```

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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