

# Converting Colors

Hex(C51159)

Have a look what the booklet for  
Hex(C51159) contains.

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# Color

**Hex(C51159)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C51159
RGB	197, 17, 89
RGB Percent	77%, 7%, 35%
CMY	0.2275, 0.9333, 0.6510
CMYK	0.00, 0.91, 0.55, 0.23
HSL	336°, 84%, 42%
HSV	336°, 91%, 77%
XYZ	25.0296, 12.9925, 10.6398
YIQ	79.0280, 84.1680, 60.5520

# Conversions

## Conversions Part 2

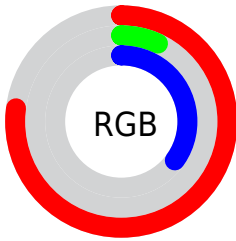
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 17, 89
Decimal	12915033
CIE Lab	42.75, 67.24, 9.18
CIE LCh	43, 67.868, 7.771
Yxy	12.9925, 0.5144, 0.2670
Android (android.graphics.Color)	4291105113 (0xFFC51159)
YUV	79.0280, 4.9162, 103.4614
Hunter-Lab	36.0451, 60.8709, 7.7303

# Details

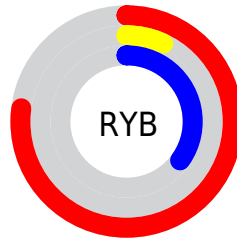
The Hex color **C51159** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **11C57D**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **FF5A8B**, and **88002C** is the 20% darker color. If you saturate the color by 10%, you get **C5004F**, and if you desaturate by 10%, it is **C52565**.

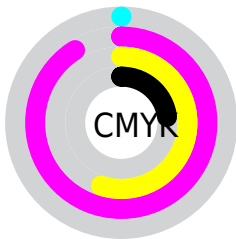
# Distribution



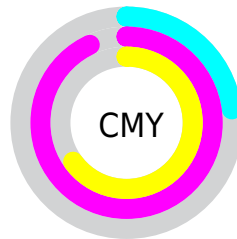
- Red (77%)
- Green (7%)
- Blue (35%)



- Red (77%)
- Yellow (7%)
- Blue (35%)



- Cyan (0%)
- Magenta (91%)
- Yellow (55%)
- Black (23%)



- Cyan (23%)
- Magenta (93%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C51159 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 Hex color C51159 by changing the saturation by 10% instead.



 C51159

 C51159

FFFFFF

 A60042

 FF5A8B

 88002C

 FF78A5

 6A0018

 FF95C0

 4E0002

 FFB2DC

 2F0002

 FFCFF8

 000000

 FFEDFF

 C51159

 C51159

 C5004F

 C52565

 C53871

 C54C7C

 C56088

 C57494

 C587A0

 C59BAC

 C5AFB8

 C5C2C3

# Harmonies

## Analogous

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



B12A91



C51159



BB3222

# Triad

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



C51159



2D7400



0076CE

# Complementary

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



C51159



11C57D

# 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.



007CA9



C51159



007A37

# Square

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



C51159



6E6700



007D73



0068D6

# Rectangle

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



C51159



A84800



007D73



0079C4



# Sweetspot

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



C51159



FFBAD6



7D11C5



805767



000000



808080



# Same Dimension

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



C51159



FF0066



C52311



635A5D



A30041



24000E



# Inverse Universe

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



C51159



FF0066



11B3C5



635A5D



A30041



24000E



# Previews

## White Background



This preview shows how the Hex color C51159 looks on a white background.

## Color Contrast Check

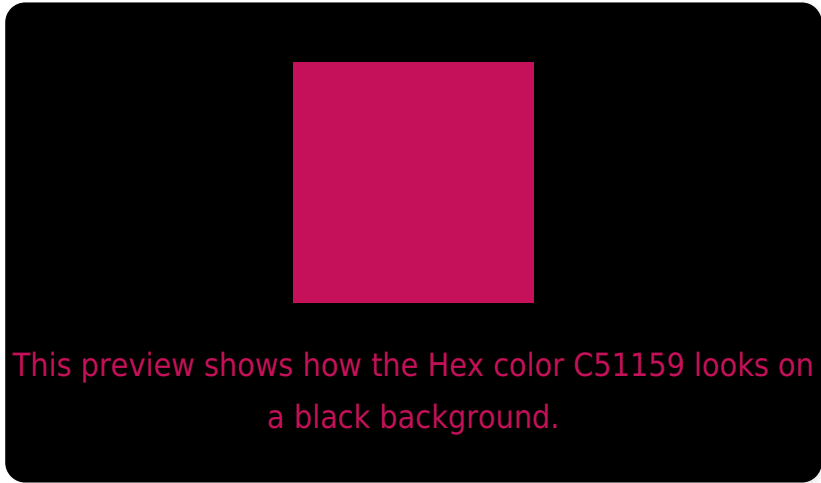
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## 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](#).



## Hex C51159 Background



This preview shows how black text looks on a background with the Hex color C51159.

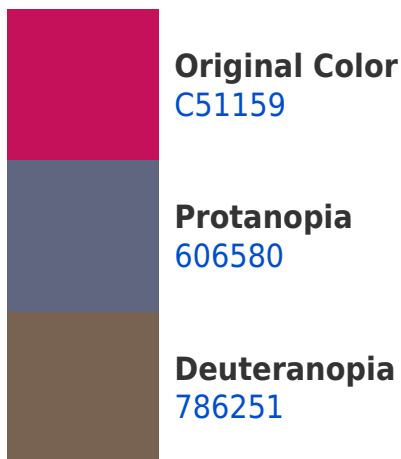


This preview shows how white text looks on a background with the Hex color C51159.

# 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





# Trichromacy



**Original Color**  
C51159



**Protanomaly**  
854672



**Deuteranomaly**  
944554



**Tritanomaly**  
C41E39

# Monochromacy



**Original Color**  
C51159



**Achromatopsia**  
4F4F4F



**Achromatomaly**  
7A3853

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C51159 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 #C51159 looks like.

```
.text, #text, p{  
    color:#C51159  
}
```

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 #C51159 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C51159
}
```

## Border

The CSS property to change the border of an element to Hex C51159 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
#C51159 }
```

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

```
.border{ border-color:#C51159 }
```

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

Here you see how a box with a 4 pixel #C51159 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C51159; -webkit-box-shadow:4px 4px  
4px 4px #C51159; box-shadow:4px 4px 4px  
4px #C51159 }
```

# Background

The CSS property to change the background color of an element to Hex C51159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C51159 }
```

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

```
.background{ background-color:#C51159 }
```

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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