

# Converting Colors

Hex(C51D96)

Have a look what the booklet for  
Hex(C51D96) contains.

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# Color

**Hex(C51D96)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C51D96
RGB	197, 29, 150
RGB Percent	77%, 11%, 59%
CMY	0.2275, 0.8863, 0.4118
CMYK	0.00, 0.85, 0.24, 0.23
HSL	317°, 74%, 44%
HSV	317°, 85%, 77%
XYZ	28.9703, 14.9511, 30.2131
YIQ	93.0260, 61.2870, 73.2470

# Conversions

## Conversions Part 2

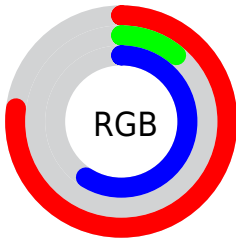
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 29, 150
Decimal	12918166
CIELab	45.57, 71.12, -24.30
CIELCh	46, 75.154, 341.136
Yxy	14.9511, 0.3908, 0.2017
Android (android.graphics.Color)	4291108246 (0xFFC51D96)
YUV	93.0260, 28.0882, 91.1852
Hunter-Lab	38.6666, 66.0718, -19.2611

# Details

The Hex color **C51D96** 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 **1DC54C**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF62CC**, and **8A0063** is the 20% darker color. If you saturate the color by 10%, you get **C50990**, and if you desaturate by 10%, it is **C5319C**.

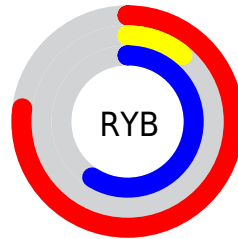
# Distribution



Red (77%)

Green (11%)

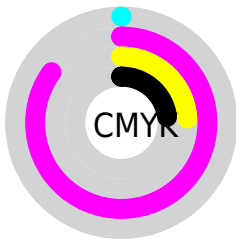
Blue (59%)



Red (77%)

Yellow (11%)

Blue (59%)

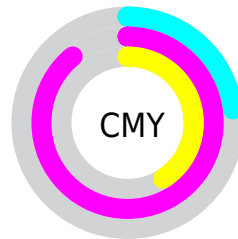


Cyan (0%)

Magenta (85%)

Yellow (24%)

Black (23%)



Cyan (23%)

Magenta (89%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C51D96 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 C51D96 by changing the saturation by 10% instead.



 C51D96

 C51D96

FFFFFF

 A7007C

 FF62CC

 8A0063

 FF7FE9

 6E004B

 FF9CFF

 520034

 FFB9FF

 37001E

 FFD7FF

 140000

 FFF5FF

 000000

 C51D96

 C51D96

 C50990

 C5319C

 C5008E

 C544A1

 C558A7

 C56CAC

 C580B2

 C593B7

 C5A7BD

 C5BBC2

 C5CEC8

# Harmonies

## Analogous

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



884DCC



C51D96



D70058

# Triad

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



C51D96



6F7100



0085BE

# Complementary

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



C51D96



1DC54C

# 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.



008683



C51D96



197E00

# Square

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



C51D96



A35A00



008440



007EE4

# Rectangle

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



C51D96



D0252F



008440



0086AC



# Sweetspot

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



C51D96



FFBDEC



4A1DC5



805874



000000



808080



# Same Dimension

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



C51D96



FF00B8



C51D44



635A61



A30076



24001A



# Inverse Universe

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



C51D96



FF00B8



1DC59E



635A61



A30076



24001A



# Previews

## White Background



This preview shows how the Hex color C51D96 looks on a white background.

## Color Contrast Check

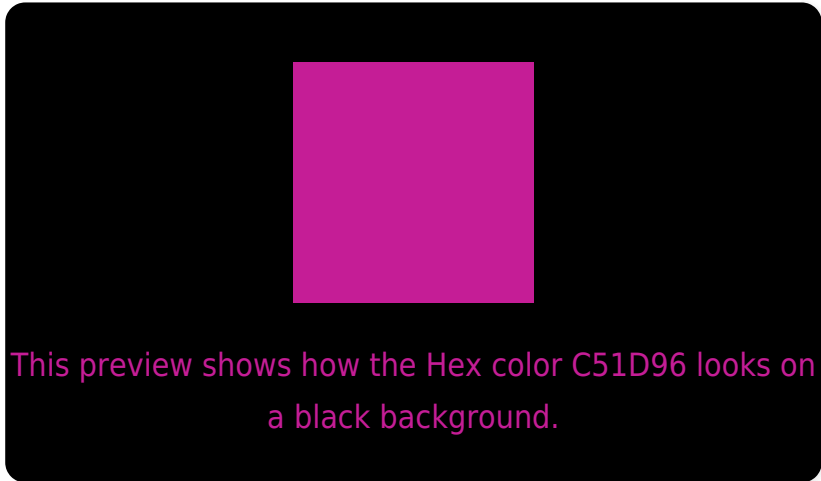
Large Text (above 18pt) WCAG AA ✓ Pass

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 C51D96 Background



This preview shows how black text looks on a background with the Hex color C51D96.

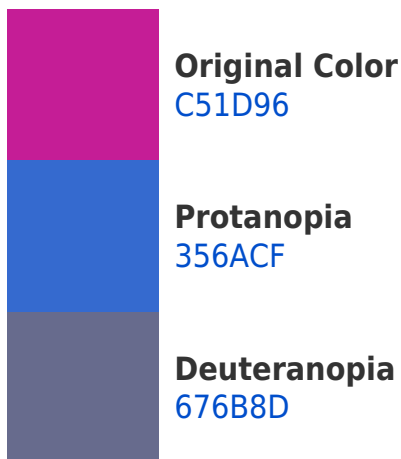


This preview shows how white text looks on a background with the Hex color C51D96.

# 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



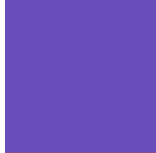


**Tritanopia**  
BE4043

# Trichromacy



**Original Color**  
C51D96



**Protanomaly**  
694EBA



**Deuteranomaly**  
894F90



**Tritanomaly**  
C13361

# Monochromacy



**Original Color**  
C51D96



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
834672

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C51D96 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 #C51D96 looks like.

```
.text, #text, p{  
    color:#C51D96  
}
```

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 #C51D96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C51D96
}
```

## Border

The CSS property to change the border of an element to Hex C51D96 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
#C51D96 }
```

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

```
.border{ border-color:#C51D96 }
```

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

Here you see how a box with a 4 pixel #C51D96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C51D96; -webkit-box-shadow:4px 4px  
4px 4px #C51D96; box-shadow:4px 4px 4px  
4px #C51D96 }
```

# Background

The CSS property to change the background color of an element to Hex C51D96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C51D96 }
```

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

```
.background{ background-color:#C51D96 }
```

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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