

# Converting Colors

Hex(D51CA0)

Have a look what the booklet for  
Hex(D51CA0) contains.

<b>Hex(D51CA0)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(D51CA0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D51CA0
RGB	213, 28, 160
RGB Percent	84%, 11%, 63%
CMY	0.1647, 0.8902, 0.3725
CMYK	0.00, 0.87, 0.25, 0.16
HSL	317°, 77%, 47%
HSV	317°, 87%, 84%
XYZ	34.2010, 17.5147, 34.8358
YIQ	98.3630, 67.8880, 80.2720

# Conversions

## Conversions Part 2

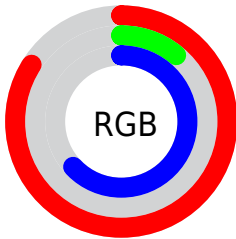
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	213, 28, 160
Decimal	13966496
CIE Lab	48.90, 75.88, -24.89
CIE LCh	49, 79.861, 341.841
Yxy	17.5147, 0.3952, 0.2024
Android (android.graphics.Color)	4292156576 (0xFFD51CA0)
YUV	98.3630, 30.3870, 100.5366
Hunter-Lab	41.8506, 72.6347, -20.0567

# Details

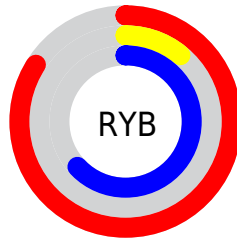
The Hex color **D51CA0** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **1CD551**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF64D7**, and **99006C** is the 20% darker color. If you saturate the color by 10%, you get **D5079A**, and if you desaturate by 10%, it is **D531A6**.

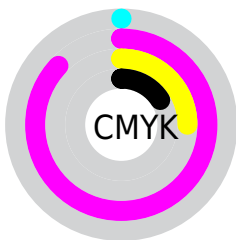
# Distribution



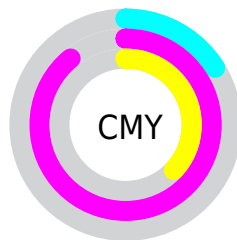
- Red (84%)
- Green (11%)
- Blue (63%)



- Red (84%)
- Yellow (11%)
- Blue (63%)



- Cyan (0%)
- Magenta (87%)
- Yellow (25%)
- Black (16%)



- Cyan (16%)
- Magenta (89%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D51CA0 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 D51CA0 by changing the saturation by 10% instead.



 D51CA0

 D51CA0

FFFFFF

 B70086

 FF64D7

 99006C

 FF82F3

 7C0054

 FFA0FF

 5F003C

 FFBEFF

 450026

 FFDCFF

 27000F

 FFFAFF

 000000

 D51CA0

 D51CA0

 D5079A

 D531A6

 D50098

 D547AC

 D55CB2

 D571B8

 D586BF

 D59CC5

 D5B1CB

 D5C6D1

 D5DCD7

# Harmonies

## Analogous

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



9552DA



D51CA0



E7005D

# Triad

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



D51CA0



757A00



008FCE

# Complementary

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



D51CA0



1CD551

# 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.



00908E



D51CA0



148700

# Square

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



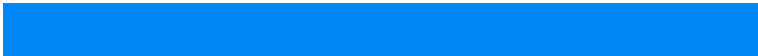
D51CA0



AE6100



008E47



0087F6

# Rectangle

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



D51CA0



E02831



008E47



0090BB



# Sweetspot

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



D51CA0



FFBDEC



501CD5



805874



000000



808080



# Same Dimension

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



D51CA0



FF00B6



D51C44



6B6068



AB007A



2B001F



# Inverse Universe

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



D51CA0



FF00B6



1CD5AD



6B6068



AB007A



2B001F



# Previews

## White Background



This preview shows how the Hex color D51CA0 looks on a white background.

## Color Contrast Check

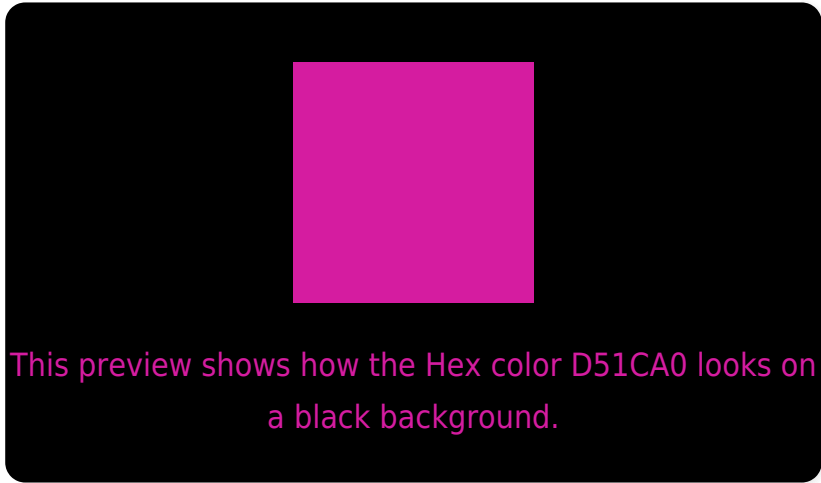
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D51CA0 Background



This preview shows how black text looks on a background with the Hex color D51CA0.



This preview shows how white text looks on a background with the Hex color D51CA0.

# 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



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D51CA0 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 #D51CA0 looks like.

```
.text, #text, p{  
    color:#D51CA0  
}
```

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 #D51CA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D51CA0
}
```

## Border

The CSS property to change the border of an element to Hex D51CA0 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
#D51CA0 }
```

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

```
.border{ border-color:#D51CA0 }
```

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

Here you see how a box with a 4 pixel #D51CA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D51CA0; -webkit-box-shadow:4px 4px  
4px 4px #D51CA0; box-shadow:4px 4px 4px  
4px #D51CA0 }
```

# Background

The CSS property to change the background color of an element to Hex D51CA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D51CA0 }
```

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

```
.background{ background-color:#D51CA0 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor