

# Converting Colors

Hex(5F13D9)

Have a look what the booklet for  
Hex(5F13D9) contains.

<b>Hex(5F13D9)</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(5F13D9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F13D9
RGB	95, 19, 217
RGB Percent	37%, 7%, 85%
CMY	0.6275, 0.9255, 0.1490
CMYK	0.56, 0.91, 0.00, 0.15
HSL	263°, 84%, 46%
HSV	263°, 91%, 85%
XYZ	17.4766, 7.9084, 66.2510
YIQ	64.2960, -18.2620, 77.6900

# Conversions

## Conversions Part 2

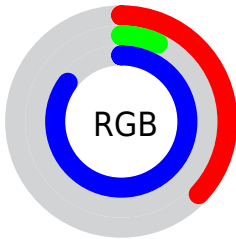
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 19, 217
Decimal	6231001
CIELab	33.79, 69.70, -83.63
CIELCh	34, 108.868, 309.811
Yxy	7.9084, 0.1907, 0.0863
Android (android.graphics.Color)	4284421081 (0xFF5F13D9)
YUV	64.2960, 75.2831, 26.9274
Hunter-Lab	28.1219, 61.7171, -119.9932

# Details

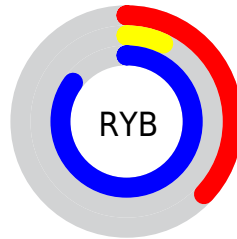
The Hex color **5F13D9** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **8DD913**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **9E51FF**, and **0000A0** is the 20% darker color. If you saturate the color by 10%, you get **5300D9**, and if you desaturate by 10%, it is **6C29D9**.

# Distribution



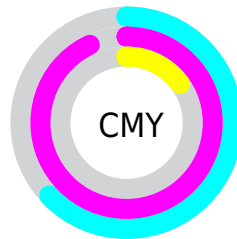
- Red (37%)
- Green (7%)
- Blue (85%)



- Red (37%)
- Yellow (7%)
- Blue (85%)



- Cyan (56%)
- Magenta (91%)
- Yellow (0%)
- Black (15%)



- Cyan (63%)
- Magenta (93%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F13D9 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 5F13D9 by changing the saturation by 10% instead.



5F13D9

5F13D9

FFFFFF

3B00BC

9E51FF

0000A0

BD6CFF

000085

DC88FF

00006B

FBA3FF

000B51

FFC0FF

000539

FFD0FF

000223

FFFAFF

00000A

000000

■ 5F13D9

■ 5F13D9

■ 5300D9

■ 6C29D9

■ 7A3ED9

■ 8754D9

■ 946AD9

■ A27FD9

■ AF95D9

■ BDABD9

■ CAC1D9

■ D7D6D9

# Harmonies

## Analogous

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



0057FF



5F13D9



C1008D

# Triad

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



5F13D9



8F3100



006B6B

# Complementary

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



5F13D9



8DD913

# 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.



006802



5F13D9



485600

# Square

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



5F13D9



C10000



006300



006DC0

# Rectangle

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



5F13D9



D60055



006300



006A4D



# Sweetspot

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



5F13D9



D5BAFF



138DD9



665780



000000



808080



# Same Dimension

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



5F13D9



6200FF



C213D9



67636E



4300AD



12002E



# Inverse Universe

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



D9138D



FF009D



2AD913



6E6369



AD006B

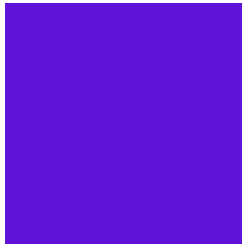


2E001C



# Previews

## White Background



This preview shows how the Hex color 5F13D9 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

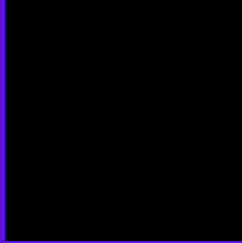
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F13D9 Background



This preview shows how black text looks on a background with the Hex color 5F13D9.

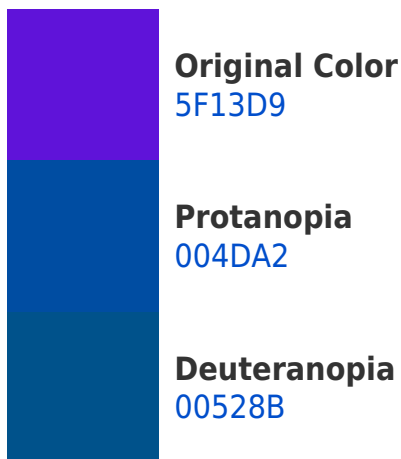


This preview shows how white text looks on a background with the Hex color 5F13D9.

# 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**  
5F13D9



**Protanomaly**  
2338B6



**Deuteranomaly**  
233BA7



**Tritanomaly**  
423E8A

# Monochromacy



**Original Color**  
5F13D9



**Achromatopsia**  
404040



**Achromatomaly**  
4B3078

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F13D9 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 #5F13D9 looks like.

```
.text, #text, p{  
    color:#5F13D9  
}
```

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 #5F13D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F13D9
}
```

## Border

The CSS property to change the border of an element to Hex 5F13D9 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".

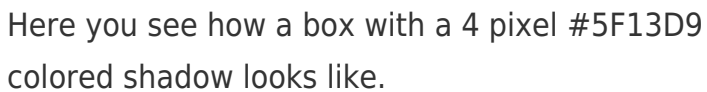
```
.border, #border, table{ border:4px solid
#5F13D9 }
```

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

```
.border{ border-color:#5F13D9 }
```

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

Here you see how a box with a 4 pixel #5F13D9 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F13D9; -webkit-box-shadow:4px 4px  
4px 4px #5F13D9; box-shadow:4px 4px 4px  
4px #5F13D9 }
```

# Background

The CSS property to change the background color of an element to Hex 5F13D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F13D9 }
```

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

```
.background{ background-color:#5F13D9 }
```

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**