

Converting Colors

Hex(5F4FD1)

Have a look what the booklet for
Hex(5F4FD1) contains.

Hex(5F4FD1)	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

Hex(5F4FD1)

Conversions

Conversions Part 1	
Format	Color
Hex	5F4FD1
RGB	95, 79, 209
RGB Percent	37%, 31%, 82%
CMY	0.6275, 0.6902, 0.1804
CMYK	0.55, 0.62, 0.00, 0.18
HSL	247°, 59%, 56%
HSV	247°, 62%, 82%
XYZ	19.0239, 12.6283, 61.7564
YIQ	98.6040, -32.1940, 43.8220

Conversions

Conversions Part 2

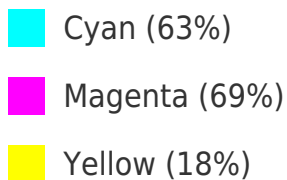
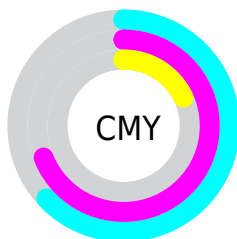
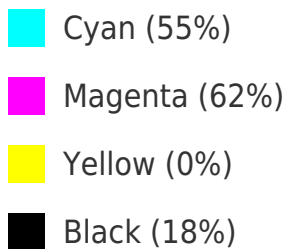
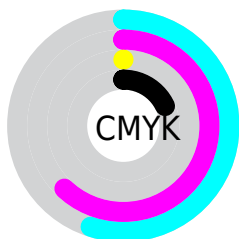
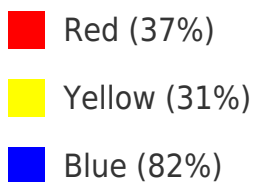
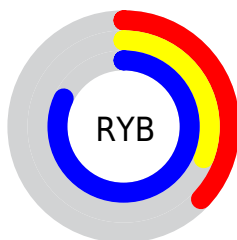
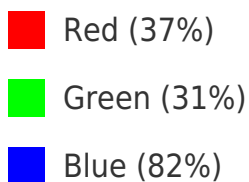
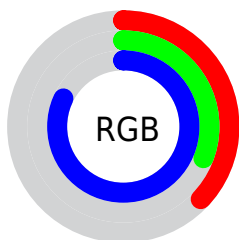
Format	Color
RYB	95, 79, 209
Decimal	6246353
CIELab	42.20, 41.62, -65.21
CIELCh	42, 77.364, 302.549
Yxy	12.6283, 0.2037, 0.1352
Android (android.graphics.Color)	4284436433 (0xFF5F4FD1)
YUV	98.6040, 54.4252, -3.1607
Hunter-Lab	35.5363, 33.3691, -78.1611

Details

The Hex color **5F4FD1** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **C1D14F**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **9A81FF**, and **172199** is the 20% darker color. If you saturate the color by 10%, you get **4D3AD1**, and if you desaturate by 10%, it is **7164D1**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 5F4FD1 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 5F4FD1 by changing the saturation by 10% instead.



5F4FD1



5F4FD1

FFFFFF



3F37B5



9A81FF



172199



B89BFF



000B7F



D5B6FF



000065



F3D2FF



00034C



FFEFFF



000434



00021E



000000




5F4FD1



5F4FD1

 4D3AD1

 7164D1

 3A25D1

 8479D1

 2810D1

 968ED1

 1A00D1

 A8A3D1

 BBB8D1

 CDCCD1

 DFE1D1

 F2F6D1

 FFFFD1

Harmonies

Analogous

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



006BE6



5F4FD1



B11BA0

Triad

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



5F4FD1



A74700



007D68

Complementary

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



5F4FD1



C1D14F

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.



007A22



5F4FD1



756300

Square

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



5F4FD1



C71123



2F7200



007DA7

Rectangle

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



5F4FD1



C80076



2F7200



007C51

Sweetspot

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



5F4FD1



D5CFFF



4FC2D1



666280



000000



808080

Same Dimension

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



5F4FD1



5740FF



9F4FD1



5F5E69



1500A8



050029

Inverse Universe

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



D14FC1



FF40E7



81D14F



695E67



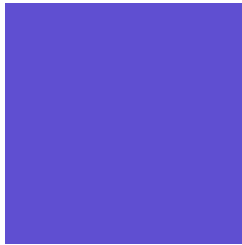
A80094



290024

Previews

White Background



This preview shows how the Hex color 5F4FD1 looks on a white background.

Color Contrast Check

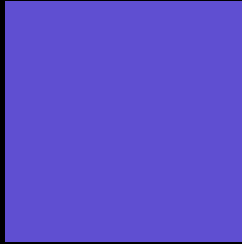
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 5F4FD1 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](#).

Hex 5F4FD1 Background



This preview shows how black text looks on a background with the Hex color 5F4FD1.



This preview shows how white text looks on a background with the Hex color 5F4FD1.

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
5F4FD1





Protanopia
0060CB

Deuteranopia
0066AF



Tritanopia
3E6A73

Trichromacy

	Original Color 5F4FD1
	Protanomaly 235ACD
	Deuteranomaly 235EBB
	Tritanomaly 4A6095

Monochromacy

	Original Color 5F4FD1
	Achromatopsia 636363
	Achromatomaly 625C8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F4FD1 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 #5F4FD1 looks like.

```
.text, #text, p{  
    color:#5F4FD1  
}
```

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 #5F4FD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F4FD1
}
```

Border

The CSS property to change the border of an element to Hex 5F4FD1 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
#5F4FD1 }
```

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

```
.border{ border-color:#5F4FD1 }
```

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

Here you see how a box with a 4 pixel #5F4FD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F4FD1; -webkit-box-shadow:4px 4px  
4px 4px #5F4FD1; box-shadow:4px 4px 4px  
4px #5F4FD1 }
```

Background

The CSS property to change the background color of an element to Hex 5F4FD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F4FD1 }
```

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

```
.background{ background-color:#5F4FD1 }
```

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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