

Converting Colors

Hex(5F35CA)

Have a look what the booklet for
Hex(5F35CA) contains.

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Color

Hex(5F35CA)

Conversions

Conversions Part 1

Format	Color
Hex	5F35CA
RGB	95, 53, 202
RGB Percent	37%, 21%, 79%
CMY	0.6275, 0.7922, 0.2078
CMYK	0.53, 0.74, 0.00, 0.21
HSL	257°, 58%, 50%
HSV	257°, 74%, 79%
XYZ	16.6531, 9.2434, 56.7835
YIQ	82.5440, -22.7970, 55.2430

Conversions

Conversions Part 2

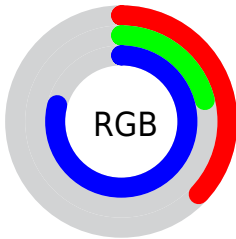
Format	Color
R_{YB}	95, 53, 202
Decimal	6239690
CIE _{Lab}	36.45, 53.71, -70.56
CIE _{LCh}	36, 88.674, 307.281
Yxy	9.2434, 0.2014, 0.1118
Android (android.graphics.Color)	4284429770 (0xFF5F35CA)
YUV	82.5440, 58.8918, 10.9239
Hunter-Lab	30.4029, 44.5677, -89.4540

Details

The Hex color **5F35CA** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **A0CA35**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **9B68FF**, and **150093** is the 20% darker color. If you saturate the color by 10%, you get **5021CA**, and if you desaturate by 10%, it is **6E49CA**.

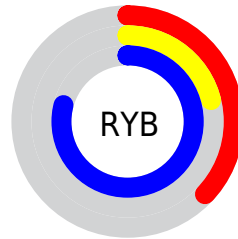
Distribution



Red (37%)

Green (21%)

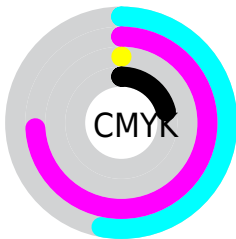
Blue (79%)



Red (37%)

Yellow (21%)

Blue (79%)

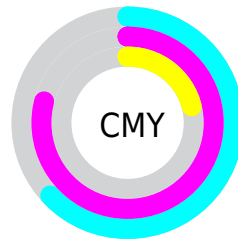


Cyan (53%)

Magenta (74%)

Yellow (0%)

Black (21%)



Cyan (63%)

Magenta (79%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F35CA 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 5F35CA by changing the saturation by 10% instead.

■ 5F35CA

■ 5F35CA

FFFFFF

■ 3F1BAE

■ 9B68FF

■ 150093

■ B882FF

■ 000078

■ D69DFF

■ 00005E

■ F5B9FF

■ 000845

■ FFD5FF

■ 00042E

■ FFF2FF

■ 000118

■ 000000

■ 5F35CA

■ 5F35CA

■ 5021CA

■ 6E49CA

■ 420DCA

■ 7C5DCA

■ 3900CA

■ 8B72CA

■ 9986CA

■ A89ACA

■ B6AECA

■ C5C2CA

■ D3D7CA

■ E2EBCA

Harmonies

Analogous

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



005CE8



5F35CA



B2008E

Triad

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



5F35CA



933B00



006F66

Complementary

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



5F35CA



A0CA35

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.



006D16



5F35CA



5A5900

Square

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



5F35CA



BB0000



006700



0070AC

Rectangle

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



5F35CA



C70060



006700



006F4D

Sweetspot

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



5F35CA



D7C7FF



35A2CA



685E80



000000



808080

Same Dimension

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



5F35CA



5C1CFF



A735CA



5F5C66



2F00A6



0B0026

Inverse Universe

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



CA35A0



FF1CBF



58CA35



665C63



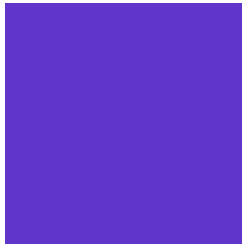
A60077



26001B

Previews

White Background



This preview shows how the Hex color 5F35CA looks on a white background.

Color Contrast Check

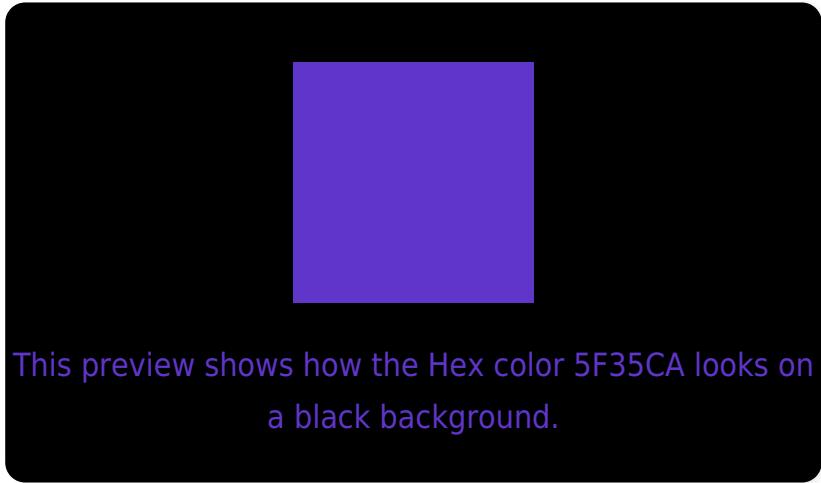
Large Text (above 18pt) WCAG AA ✓ Pass

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

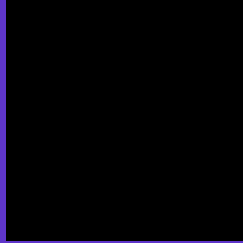
Any Text WCAG AA × Fail

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 5F35CA Background



This preview shows how black text looks on a background with the Hex color 5F35CA.

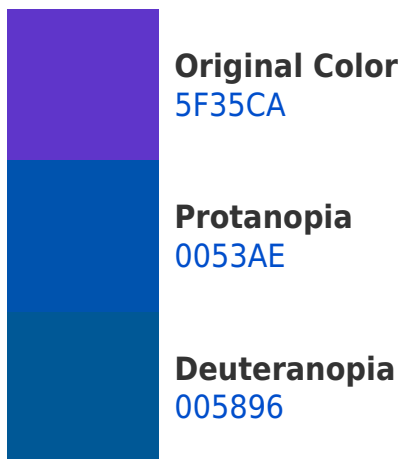



This preview shows how white text looks on a background with the Hex color 5F35CA.

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
3D5A62

Trichromacy



Original Color
5F35CA



Protanomaly
2348B8



Deuteranomaly
234BA9



Tritanomaly
494D88

Monochromacy



Original Color
5F35CA



Achromatopsia
535353



Achromatomaly
57487E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F35CA 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 #5F35CA looks like.

```
.text, #text, p{  
    color:#5F35CA  
}
```

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 #5F35CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F35CA
}
```

Border

The CSS property to change the border of an element to Hex 5F35CA 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
#5F35CA }
```

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

```
.border{ border-color:#5F35CA }
```

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

Here you see how a box with a 4 pixel #5F35CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F35CA; -webkit-box-shadow:4px 4px  
4px 4px #5F35CA; box-shadow:4px 4px 4px  
4px #5F35CA }
```

Background

The CSS property to change the background color of an element to Hex 5F35CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F35CA }
```

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

```
.background{ background-color:#5F35CA }
```

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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