

Converting Colors

Hex(5F3CBF)

Have a look what the booklet for
Hex(5F3CBF) contains.

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Color

Hex(5F3CBF)

Conversions

Conversions Part 1

Format	Color
Hex	5F3CBF
RGB	95, 60, 191
RGB Percent	37%, 24%, 75%
CMY	0.6275, 0.7647, 0.2510
CMYK	0.50, 0.69, 0.00, 0.25
HSL	256°, 52%, 49%
HSV	256°, 69%, 75%
XYZ	15.7391, 9.4262, 50.2801
YIQ	85.3990, -21.1910, 48.1610

Conversions

Conversions Part 2

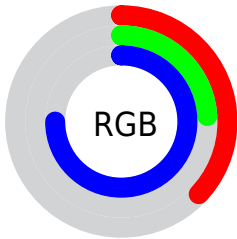
Format	Color
R_{YB}	95, 60, 191
Decimal	6241471
CIE _{Lab}	36.79, 47.02, -63.57
CIE _{LCh}	37, 79.065, 306.488
Yxy	9.4262, 0.2086, 0.1249
Android (android.graphics.Color)	4284431551 (0xFF5F3CBF)
YUV	85.3990, 52.0613, 8.4201
Hunter-Lab	30.7021, 37.7776, -75.6063

Details

The Hex color **5F3CBF** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **9CBF3C**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **996EF8**, and **1D0A88** is the 20% darker color. If you saturate the color by 10%, you get **5129BF**, and if you desaturate by 10%, it is **6D4FBF**.

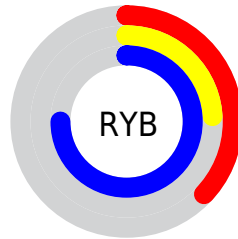
Distribution



Red (37%)

Green (24%)

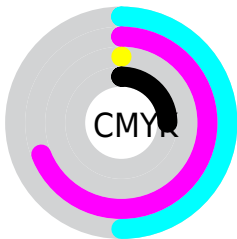
Blue (75%)



Red (37%)

Yellow (24%)

Blue (75%)

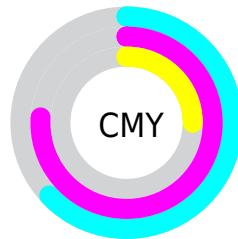


Cyan (50%)

Magenta (69%)

Yellow (0%)

Black (25%)



Cyan (63%)

Magenta (76%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F3CBF 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 5F3CBF by changing the saturation by 10% instead.

■ 5F3CBF

■ 5F3CBF

FFFFFF

■ 4124A3

■ 996EF8

■ 1D0A88

■ B688FF

■ 00006E

■ D4A3FF

■ 000055

■ F1BEFF

■ 00063D

■ FFDBFF

■ 000226

■ FFF7FF

■ 00010F

■ 000000

■ 5F3CBF

■ 5F3CBF

■ 5129BF

■ 6D4FBF

■ 4316BF

■ 7B62BF

■ 3503BF

■ 8975BF

■ 3300BF

■ 9788BF

■ A59CBF

■ B3AFBF

■ C1C2BF

■ CFD5BF

■ DDE8BF

Harmonies

Analogous

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



005CD8



5F3CBF



A9008B

Triad

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



5F3CBF



913E00



006F63

Complementary

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



5F3CBF



9CBF3C

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.



006C1D



5F3CBF



5E5900

Square

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



5F3CBF



B4000B



006600



006FA2

Rectangle

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



5F3CBF



BC0061



006600



006E4D

Sweetspot

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



5F3CBF



D1C3F7



3C9CBF



665E7D



FCFCFC



7D7D7D

Same Dimension

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



5F3CBF



632DF7



A03CBF



57555E



2A009E



08001F

Inverse Universe

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



BF3C9C



F72DC1



5BBF3C



5E555C



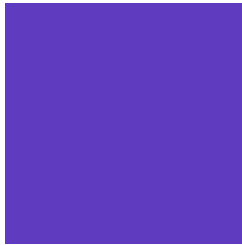
9E0074



1F0016

Previews

White Background



This preview shows how the Hex color 5F3CBF looks on a white background.

Color Contrast Check

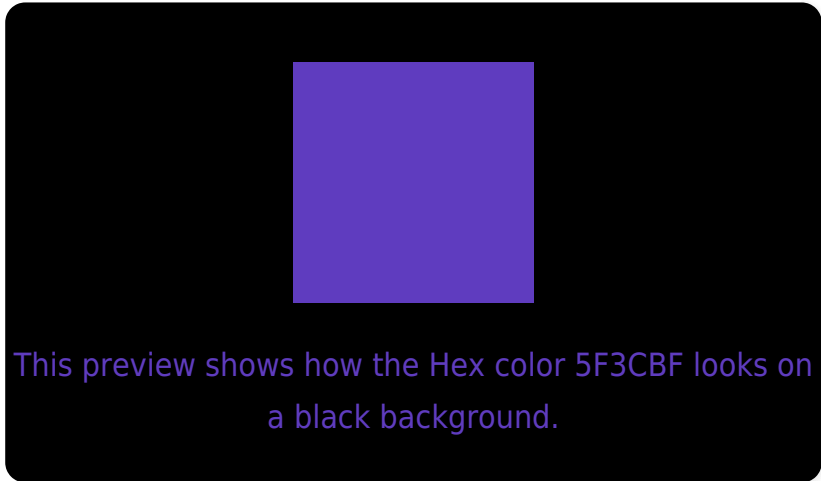
Large Text (above 18pt) WCAG AA ✓ Pass

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

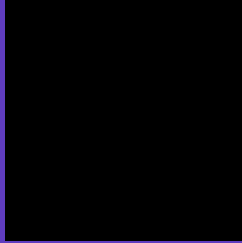
Any Text WCAG AA × Fail

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 5F3CBF Background



This preview shows how black text looks on a background with the Hex color 5F3CBF.




This preview shows how white text looks on a background with the Hex color 5F3CBF.

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
435A61

Trichromacy



Original Color
5F3CBF



Protanomaly
234BB5



Deuteranomaly
234EA6



Tritanomaly
4D4F83

Monochromacy



Original Color
5F3CBF



Achromatopsia
555555



Achromatomaly
594C7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F3CBF 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 #5F3CBF looks like.

```
.text, #text, p{  
    color:#5F3CBF  
}
```

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 #5F3CBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F3CBF
}
```

Border

The CSS property to change the border of an element to Hex 5F3CBF 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".

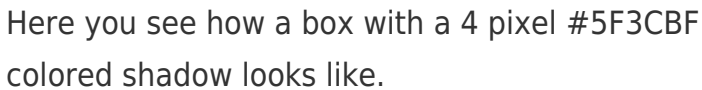
```
.border, #border, table{ border:4px solid
#5F3CBF }
```

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

```
.border{ border-color:#5F3CBF }
```

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

Here you see how a box with a 4 pixel #5F3CBF 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 #5F3CBF; -webkit-box-shadow:4px 4px  
4px 4px #5F3CBF; box-shadow:4px 4px 4px  
4px #5F3CBF }
```

Background

The CSS property to change the background color of an element to Hex 5F3CBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F3CBF }
```

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

```
.background{ background-color:#5F3CBF }
```

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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