

Converting Colors

Hex(5F42C9)

Have a look what the booklet for
Hex(5F42C9) contains.

Hex(5F42C9)	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(5F42C9)

Conversions

Conversions Part 1

Format	Color
Hex	5F42C9
RGB	95, 66, 201
RGB Percent	37%, 26%, 79%
CMY	0.6275, 0.7412, 0.2118
CMYK	0.53, 0.67, 0.00, 0.21
HSL	253°, 56%, 52%
HSV	253°, 67%, 79%
XYZ	17.2101, 10.5464, 56.3869
YIQ	90.0610, -26.0510, 48.1330

Conversions

Conversions Part 2

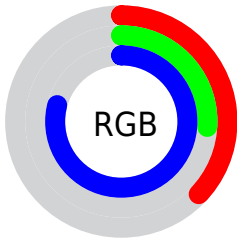
Format	Color
R_{YB}	95, 66, 201
Decimal	6243017
CIE _{Lab}	38.81, 46.64, -66.12
CIE _{LCh}	39, 80.910, 305.199
Yxy	10.5464, 0.2045, 0.1253
Android (android.graphics.Color)	4284433097 (0xFF5F42C9)
YUV	90.0610, 54.6929, 4.3315
Hunter-Lab	32.4752, 37.7641, -80.2131

Details

The Hex color **5F42C9** 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 **ACC942**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **9A74FF**, and **191292** is the 20% darker color. If you saturate the color by 10%, you get **4F2EC9**, and if you desaturate by 10%, it is **6F56C9**.

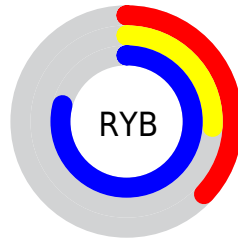
Distribution



Red (37%)

Green (26%)

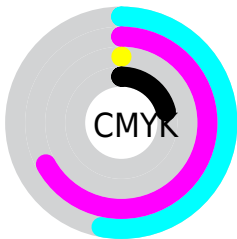
Blue (79%)



Red (37%)

Yellow (26%)

Blue (79%)

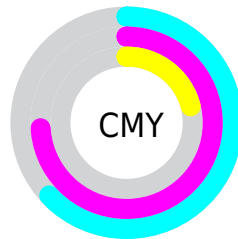


Cyan (53%)

Magenta (67%)

Yellow (0%)

Black (21%)



Cyan (63%)

Magenta (74%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F42C9 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 5F42C9 by changing the saturation by 10% instead.

■ 5F42C9

■ 5F42C9

FFFFFF

■ 402AAD

■ 9A74FF

■ 191292

■ B78EFF

■ 000077

■ D5A9FF

■ 00005E

■ F3C5FF

■ 000845

■ FFE1FF

■ 00032E

FFFEFF

■ 000118

■ 000000

■ 5F42C9

■ 5F42C9

■ 4F2EC9

■ 6F56C9

■ 3F1AC9

■ 7F6AC9

■ 3006C9

■ 8E7EC9

■ 2B00C9

■ 9E92C9

■ AEA7C9

■ BEBBC9

■ CDCFC9

■ DDE3C9

■ EDF7C9

Harmonies

Analogous

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



0062E1



5F42C9



AE0094

Triad

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



5F42C9



9A4100



007466

Complementary

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



5F42C9



ACC942

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.



00721D



5F42C9



665D00

Square

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



5F42C9



BD0012



116B00



0075A7

Rectangle

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



5F42C9



C40069



116B00



00744F

Sweetspot

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



5F42C9



D7CCFF



42AEC9



676180



000000



808080

Same Dimension

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



5F42C9



5D30FF



A142C9



5C5A63



2300A3



080024

Inverse Universe

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



C942AC



FF30D3



6BC942



635A61



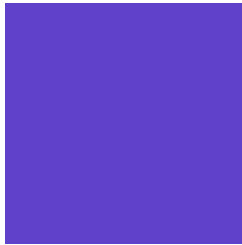
A30080



24001C

Previews

White Background



This preview shows how the Hex color 5F42C9 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

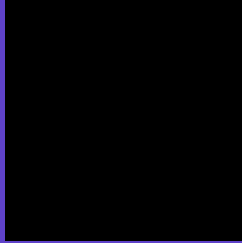
Any Text WCAG AA × Fail

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 5F42C9 Background



This preview shows how black text looks on a background with the Hex color 5F42C9.

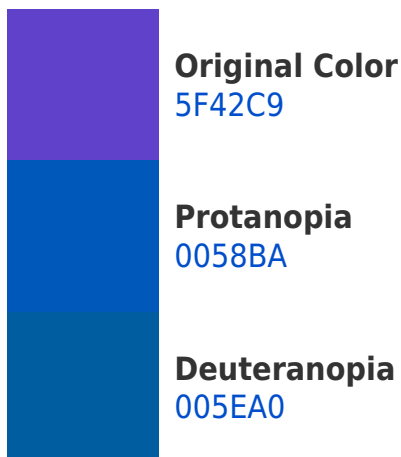


This preview shows how white text looks on a background with the Hex color 5F42C9.

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](#).

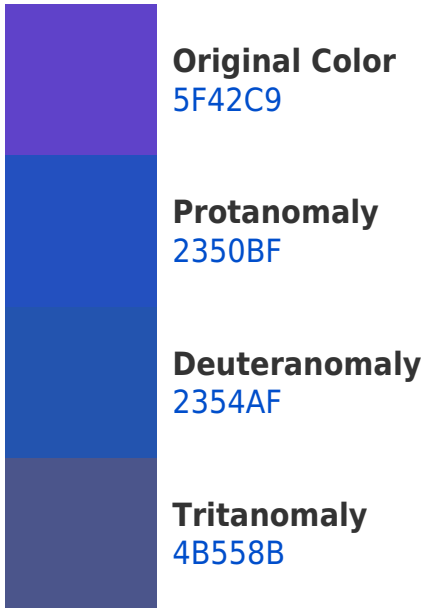
Dichromacy



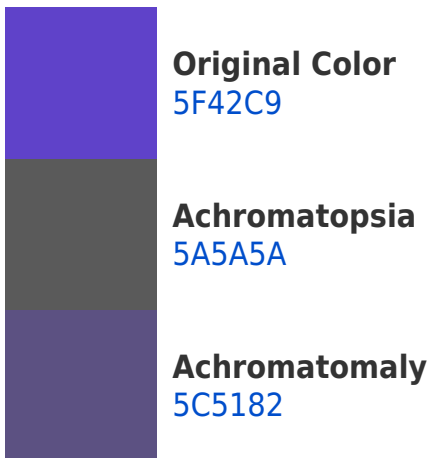


Tritanopia
406068

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F42C9 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 #5F42C9 looks like.

```
.text, #text, p{  
    color:#5F42C9  
}
```

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 #5F42C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F42C9
}
```

Border

The CSS property to change the border of an element to Hex 5F42C9 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
#5F42C9 }
```

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

```
.border{ border-color:#5F42C9 }
```

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

Here you see how a box with a 4 pixel #5F42C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F42C9; -webkit-box-shadow:4px 4px  
4px 4px #5F42C9; box-shadow:4px 4px 4px  
4px #5F42C9 }
```

Background

The CSS property to change the background color of an element to Hex 5F42C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F42C9 }
```

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

```
.background{ background-color:#5F42C9 }
```

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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