

Converting Colors

Hex(5735C4)

Have a look what the booklet for
Hex(5735C4) contains.

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Color

Hex(5735C4)

Conversions

Conversions Part 1

Format	Color
Hex	5735C4
RGB	87, 53, 196
RGB Percent	34%, 21%, 77%
CMY	0.6588, 0.7922, 0.2314
CMYK	0.56, 0.73, 0.00, 0.23
HSL	254°, 57%, 49%
HSV	254°, 73%, 77%
XYZ	15.1674, 8.5580, 53.0770
YIQ	79.4680, -25.6390, 51.6810

Conversions

Conversions Part 2

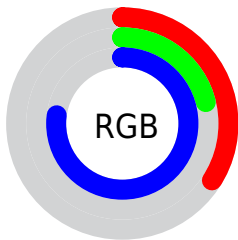
Format	Color
R_{YB}	87, 53, 196
Decimal	5715396
CIE _{Lab}	35.12, 50.86, -69.27
CIE _{LCh}	35, 85.935, 306.290
Yxy	8.5580, 0.1975, 0.1114
Android (android.graphics.Color)	4283905476 (0xFF5735C4)
YUV	79.4680, 57.4503, 6.6056
Hunter-Lab	29.2540, 41.3528, -87.0950

Details

The Hex color **5735C4** 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 **A2C435**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **9367FE**, and **01008D** is the 20% darker color. If you saturate the color by 10%, you get **4821C4**, and if you desaturate by 10%, it is **6649C4**.

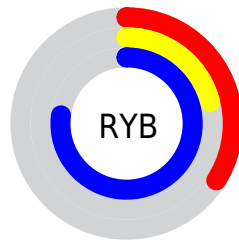
Distribution



Red (34%)

Green (21%)

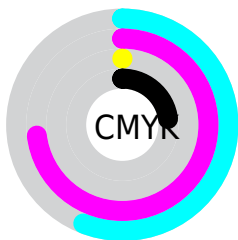
Blue (77%)



Red (34%)

Yellow (21%)

Blue (77%)

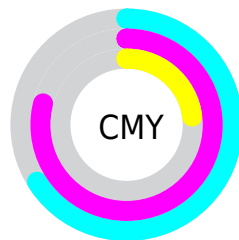


Cyan (56%)

Magenta (73%)

Yellow (0%)

Black (23%)



Cyan (66%)

Magenta (79%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5735C4 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 5735C4 by changing the saturation by 10% instead.


 5735C4

 5735C4

FFFFFF

 361CA8

 9367FE

 01008D

 B081FF

 000072

 CE9CFF

 000059

 ECB7FF

 000740

 FFD3FF

 000329

 FFF0FF

 000113

 000000

 5735C4

 5735C4

■ 4821C4

■ 6649C4

■ 390EC4

■ 755CC4

■ 2F00C4

■ 8470C4

■ 9383C4

■ A297C4

■ B1ABC4

■ C0BEC4

■ CFD2C4

■ DDE5C4

Harmonies

Analogous

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



0059DF



5735C4



AA008B

Triad

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



5735C4



8F3700



006B60

Complementary

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



5735C4



A2C435

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.



006912



5735C4



595500

Square

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



5735C4



B50000



006300



006CA4

Rectangle

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



5735C4



BF005E



006300



006B48

Sweetspot

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



5735C4



D4C7FF



35A3C4



665E80



000000



808080

Same Dimension

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



5735C4



541FFF



9E35C4



5A5761



2600A1



080021

Inverse Universe

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



C435A2



FF1FCA



5BC435



61575F



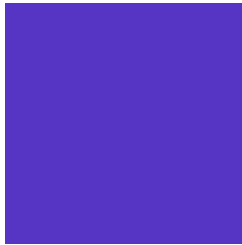
A1007A



210019

Previews

White Background



This preview shows how the Hex color 5735C4 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

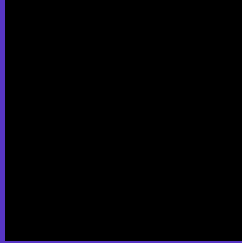
Any Text WCAG AA × Fail

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 5735C4 Background



This preview shows how black text looks on a background with the Hex color 5735C4.

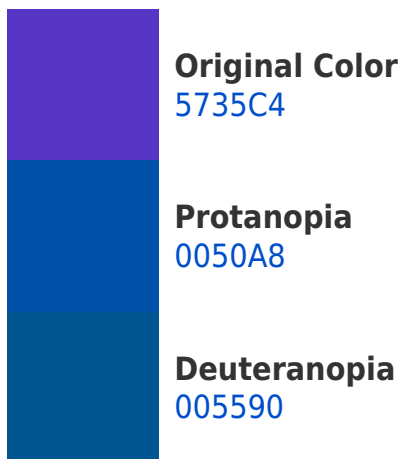



This preview shows how white text looks on a background with the Hex color 5735C4.

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
33585F

Trichromacy



Original Color
5735C4

Protanomaly
2046B2

Deuteranomaly
2049A3

Tritanomaly
404B84

Monochromacy



Original Color
5735C4

Achromatopsia
4F4F4F

Achromatomaly
52467A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5735C4 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 #5735C4 looks like.

```
.text, #text, p{  
    color:#5735C4  
}
```

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 #5735C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5735C4
}
```

Border

The CSS property to change the border of an element to Hex 5735C4 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".

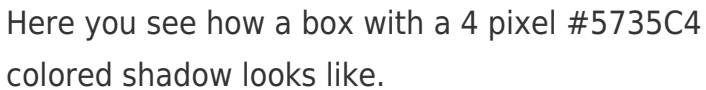
```
.border, #border, table{ border:4px solid
#5735C4 }
```

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

```
.border{ border-color:#5735C4 }
```

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

Here you see how a box with a 4 pixel #5735C4 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, 4px blur, and 4px spread, colored #5735C4.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5735C4; -webkit-box-shadow:4px 4px  
4px 4px #5735C4; box-shadow:4px 4px 4px  
4px #5735C4 }
```

Background

The CSS property to change the background color of an element to Hex 5735C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5735C4 }
```

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

```
.background{ background-color:#5735C4 }
```

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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