

Converting Colors

Hex(3C58CF)

Have a look what the booklet for
Hex(3C58CF) contains.

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Color

Hex(3C58CF)

Conversions

Conversions Part 1

Format	Color
Hex	3C58CF
RGB	60, 88, 207
RGB Percent	24%, 35%, 81%
CMY	0.7647, 0.6549, 0.1882
CMYK	0.71, 0.57, 0.00, 0.19
HSL	229°, 60%, 52%
HSV	229°, 71%, 81%
XYZ	16.6157, 12.4451, 60.5579
YIQ	93.1940, -54.8870, 31.0730

Conversions

Conversions Part 2

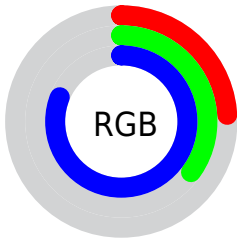
Format	Color
R_{YB}	60, 84, 207
Decimal	3954895
CIE _{Lab}	41.91, 29.94, -64.62
CIE _{LCh}	42, 71.221, 294.859
Yxy	12.4451, 0.1854, 0.1389
Android (android.graphics.Color)	4282144975 (0xFF3C58CF)
YUV	93.1940, 56.1064, -29.1111
Hunter-Lab	35.2776, 22.3373, -77.0834

Details

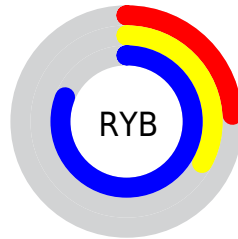
The Hex color **3C58CF** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **CFB33C**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7D8AFF**, and **002B98** is the 20% darker color. If you saturate the color by 10%, you get **2747CF**, and if you desaturate by 10%, it is **5169CF**.

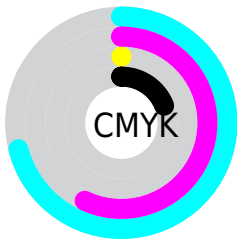
Distribution



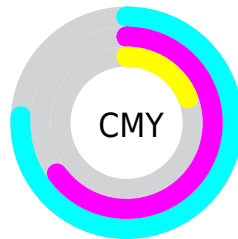
- Red (24%)
- Green (35%)
- Blue (81%)



- Red (24%)
- Yellow (33%)
- Blue (81%)



- Cyan (71%)
- Magenta (57%)
- Yellow (0%)
- Black (19%)



- Cyan (76%)
- Magenta (65%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C58CF 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 3C58CF by changing the saturation by 10% instead.



3C58CF



3C58CF

FFFFFF



0341B3



7D8AFF



002B98



9BA4FF



00187D



B9BFFF



000063



D8DBFF



00094A



F6F7FF



000433



00021D



000000



3C58CF



3C58CF

■ 2747CF

■ 5169CF

■ 1336CF

■ 657ACF

■ 0027CF

■ 7A8ACF

■ 8F9BCF

■ A3ACCF

■ B8BDCF

■ CDCDCF

■ E2DECF

■ F6EFCF

Harmonies

Analogous

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



006ED9



3C58CF



9D34A7

Triad

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



3C58CF



AB4100



007A57

Complementary

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



3C58CF



CFB33C

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.



007714



3C58CF



825D00

Square

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



3C58CF



C41336



496E00



007B93

Rectangle

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



3C58CF



BA1083



496E00



007942

Sweetspot

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



3C58CF



C9D4FF



3CCFB2



606680



000000



808080

Same Dimension

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



3C58CF



2650FF



683CCF



5E6069



0020A8



000829

Inverse Universe

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



CF3C58



FF2650



A3CF3C



695E60



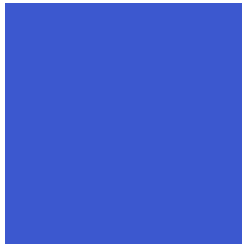
A80020



290008

Previews

White Background



This preview shows how the Hex color 3C58CF looks on a white background.

Color Contrast Check

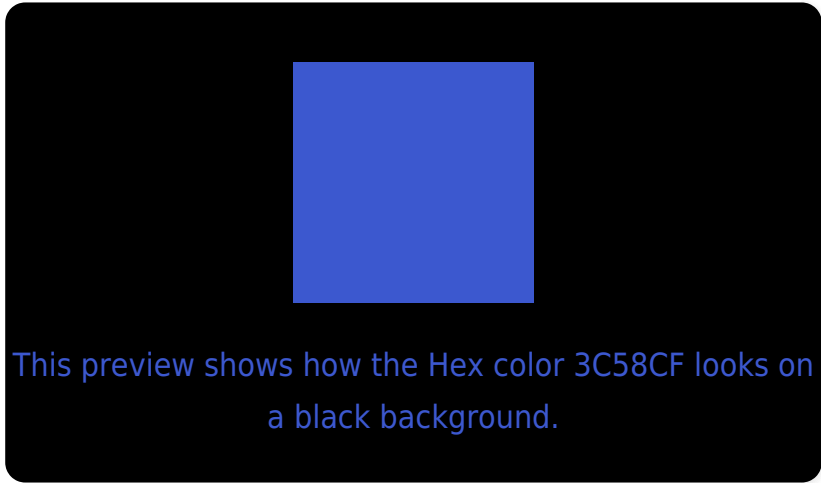
Large Text (above 18pt) WCAG AA ✓ Pass

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

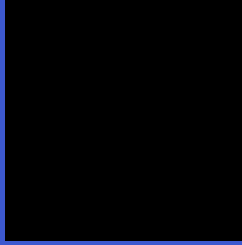
Any Text WCAG AA × Fail

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 3C58CF Background



This preview shows how black text looks on a background with the Hex color 3C58CF.

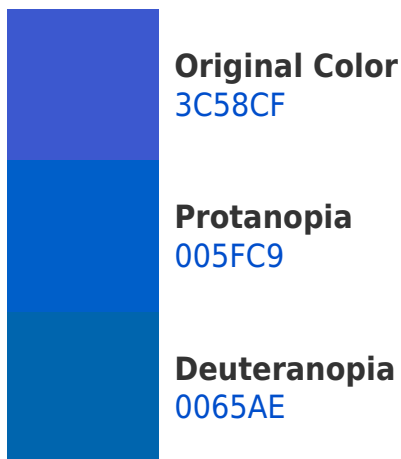


This preview shows how white text looks on a background with the Hex color 3C58CF.

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](#).

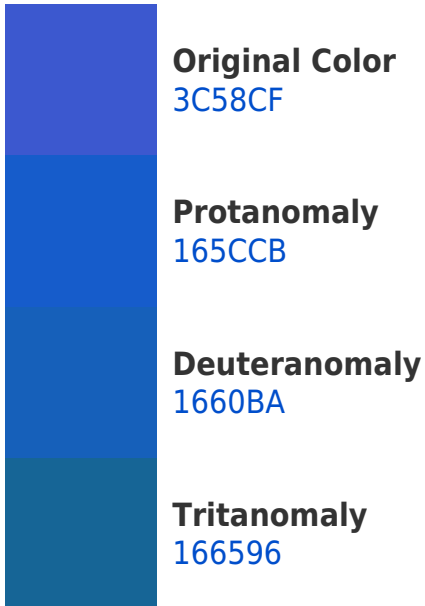
Dichromacy





Tritanopia
006D75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3C58CF 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 #3C58CF looks like.

```
.text, #text, p{  
    color:#3C58CF  
}
```

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 #3C58CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C58CF
}
```

Border

The CSS property to change the border of an element to Hex 3C58CF 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
#3C58CF }
```

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

```
.border{ border-color:#3C58CF }
```

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

Here you see how a box with a 4 pixel #3C58CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C58CF; -webkit-box-shadow:4px 4px  
4px 4px #3C58CF; box-shadow:4px 4px 4px  
4px #3C58CF }
```

Background

The CSS property to change the background color of an element to Hex 3C58CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C58CF }
```

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

```
.background{ background-color:#3C58CF }
```

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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