

Converting Colors

Hex(3F5CC3)

Have a look what the booklet for
Hex(3F5CC3) contains.

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Color

Hex(3F5CC3)

Conversions

Conversions Part 1

Format	Color
Hex	3F5CC3
RGB	63, 92, 195
RGB Percent	25%, 36%, 76%
CMY	0.7529, 0.6392, 0.2353
CMYK	0.68, 0.53, 0.00, 0.24
HSL	227°, 52%, 51%
HSV	227°, 68%, 76%
XYZ	15.7274, 12.6512, 53.2428
YIQ	95.0710, -50.3470, 25.8850

Conversions

Conversions Part 2

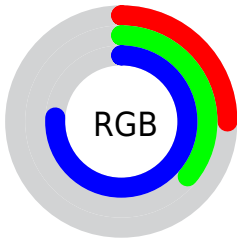
Format	Color
R_{YB}	63, 87, 195
Decimal	4152515
CIE _{Lab}	42.23, 23.50, -57.16
CIE _{LCh}	42, 61.805, 292.344
Yxy	12.6512, 0.1927, 0.1550
Android (android.graphics.Color)	4282342595 (0xFF3F5CC3)
YUV	95.0710, 49.2650, -28.1263
Hunter-Lab	35.5685, 16.6827, -63.8537

Details

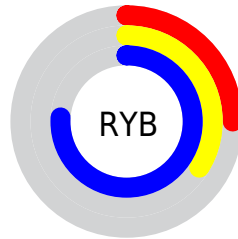
The Hex color **3F5CC3** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **C3A63F**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7D8EFC**, and **002F8C** is the 20% darker color. If you saturate the color by 10%, you get **2C4DC3**, and if you desaturate by 10%, it is **536BC3**.

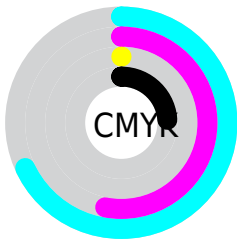
Distribution



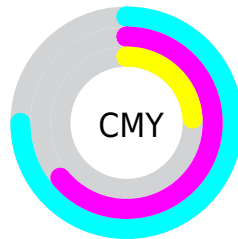
- Red (25%)
- Green (36%)
- Blue (76%)



- Red (25%)
- Yellow (34%)
- Blue (76%)



- Cyan (68%)
- Magenta (53%)
- Yellow (0%)
- Black (24%)



- Cyan (75%)
- Magenta (64%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F5CC3 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 3F5CC3 by changing the saturation by 10% instead.



3F5CC3



3F5CC3

FFFFFF



1545A7



7D8EFC



002F8C



9AA8FF



001B72



B8C3FF



000259



D5DFFF



000741



F3FCFF



00032A



000114



000000



3F5CC3



3F5CC3

■ 2C4DC3

■ 536BC3

■ 183EC3

■ 667AC3

■ 052EC3

■ 7A8AC3

■ 002BC3

■ 8D99C3

■ A1A8C3

■ B4B7C3

■ C8C7C3

■ DBD6C3

■ EFE5C3

Harmonies

Analogous

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



006ECA



3F5CC3



9341A3

Triad

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



3F5CC3



A8460D



007954

Complementary

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



3F5CC3



C3A63F

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.



00751E



3F5CC3



845D00

Square

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



3F5CC3



BB2B40



556C00



007A89

Rectangle

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



3F5CC3



AE2E84



556C00



007843

Sweetspot

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



3F5CC3



CAD5FC



3FC3A4



616880



000000



808080

Same Dimension

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



3F5CC3



305DFC



623FC3



575961



0023A1



000721

Inverse Universe

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



C33F5C



FC305D



A0C33F



615759



A10023



210007

Previews

White Background



This preview shows how the Hex color 3F5CC3 looks on a white background.

Color Contrast Check

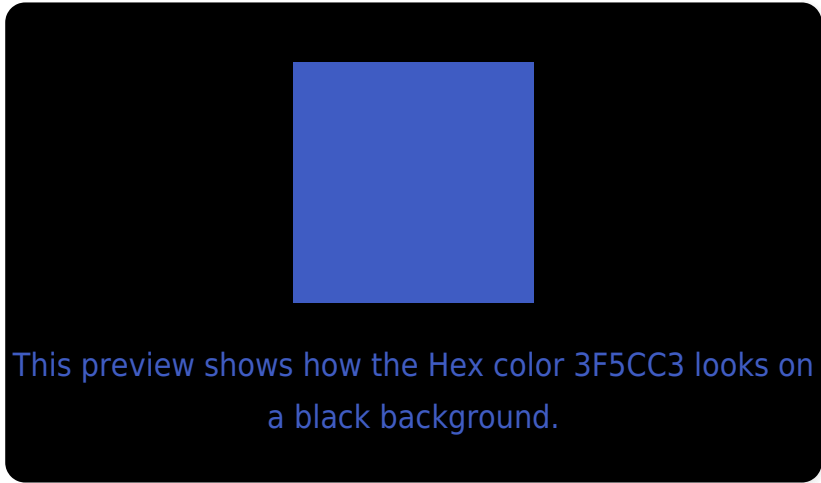
Large Text (above 18pt) WCAG AA ✓ Pass

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

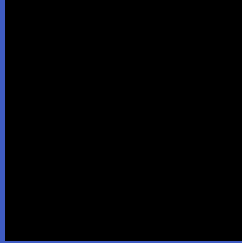
Any Text WCAG AA × Fail

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 3F5CC3 Background



This preview shows how black text looks on a background with the Hex color 3F5CC3.

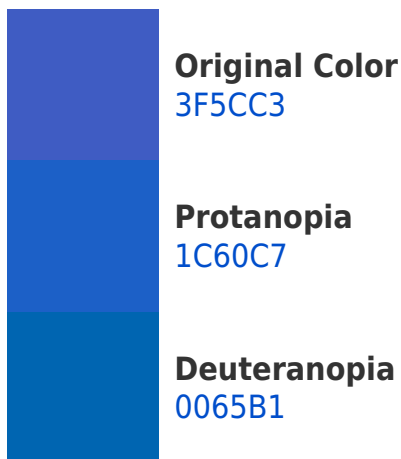


This preview shows how white text looks on a background with the Hex color 3F5CC3.

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](#).

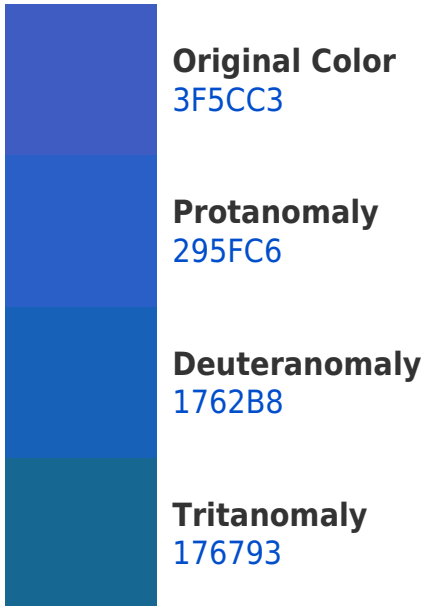
Dichromacy





Tritanopia
006E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F5CC3 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 #3F5CC3 looks like.

```
.text, #text, p{  
    color:#3F5CC3  
}
```

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 #3F5CC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F5CC3
}
```

Border

The CSS property to change the border of an element to Hex 3F5CC3 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
#3F5CC3 }
```

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

```
.border{ border-color:#3F5CC3 }
```

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

Here you see how a box with a 4 pixel #3F5CC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F5CC3; -webkit-box-shadow:4px 4px  
4px 4px #3F5CC3; box-shadow:4px 4px 4px  
4px #3F5CC3 }
```

Background

The CSS property to change the background color of an element to Hex 3F5CC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F5CC3 }
```

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

```
.background{ background-color:#3F5CC3 }
```

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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