

Converting Colors

Hex(3C6CCF)

Have a look what the booklet for
Hex(3C6CCF) contains.

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Color

Hex(3C6CCF)

Conversions

Conversions Part 1

Format	Color
Hex	3C6CCF
RGB	60, 108, 207
RGB Percent	24%, 42%, 81%
CMY	0.7647, 0.5765, 0.1882
CMYK	0.71, 0.48, 0.00, 0.19
HSL	220°, 60%, 52%
HSV	220°, 71%, 81%
XYZ	18.4885, 16.1908, 61.1822
YIQ	104.9340, -60.3870, 20.6130

Conversions

Conversions Part 2

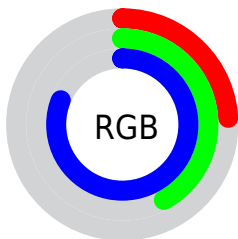
Format	Color
RYB	60, 96, 207
Decimal	3960015
CIELab	47.22, 17.19, -56.03
CIELCh	47, 58.609, 287.055
Yxy	16.1908, 0.1929, 0.1689
Android (android.graphics.Color)	4282150095 (0xFF3C6CCF)
YUV	104.9340, 50.3185, -39.4071
Hunter-Lab	40.2378, 11.6014, -61.9850

Details

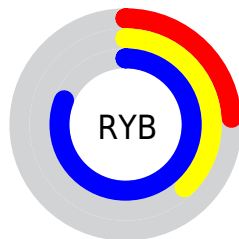
The Hex color **3C6CCF** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **CF9F3C**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **7C9FFF**, and **003E98** is the 20% darker color. If you saturate the color by 10%, you get **275ECF**, and if you desaturate by 10%, it is **517ACF**.

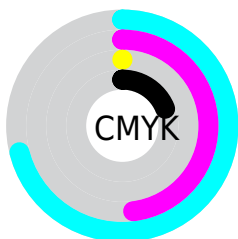
Distribution



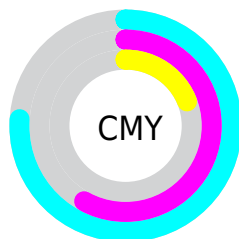
- Red (24%)
- Green (42%)
- Blue (81%)



- Red (24%)
- Yellow (38%)
- Blue (81%)



- Cyan (71%)
- Magenta (48%)
- Yellow (0%)
- Black (19%)



- Cyan (76%)
- Magenta (58%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C6CCF 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 3C6CCF by changing the saturation by 10% instead.

 3C6CCF

 3C6CCF

FFFFFF

 0654B3

 7C9FFF

 003E98

 9ABAFF

 00297D

 B8D5FF

 001664

 D6F2FF

 00054B

 F4FFFF

 000433

 00021D

 000000

 3C6CCF

 3C6CCF

■ 275ECF

■ 517ACF

■ 1350CF

■ 6588CF

■ 0044CF

■ 7A96CF

■ 8FA4CF

■ A3B2CF

■ B8C0CF

■ CDCECF

■ E2DCCF

■ F6E9CF

Harmonies

Analogous

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



007CD0



3C6CCF



9555B4

Triad

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



3C6CCF



B95028



008558

Complementary

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



3C6CCF



CF9F3C

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.



2E8026



3C6CCF



986600

Square

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



3C6CCF



C73D56



6C7600



00868C

Rectangle

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



3C6CCF



B34597



6C7600



008447

Sweetspot

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



3C6CCF



C9DBFF



3CCF9E



606A80



000000



808080

Same Dimension

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



3C6CCF



266DFF



543CCF



5E6269



0037A8



000D29

Inverse Universe

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



CF3C6C



FF266D



B6CF3C



695E62



A80037



29000D

Previews

White Background



This preview shows how the Hex color 3C6CCF looks on a white background.

Color Contrast Check

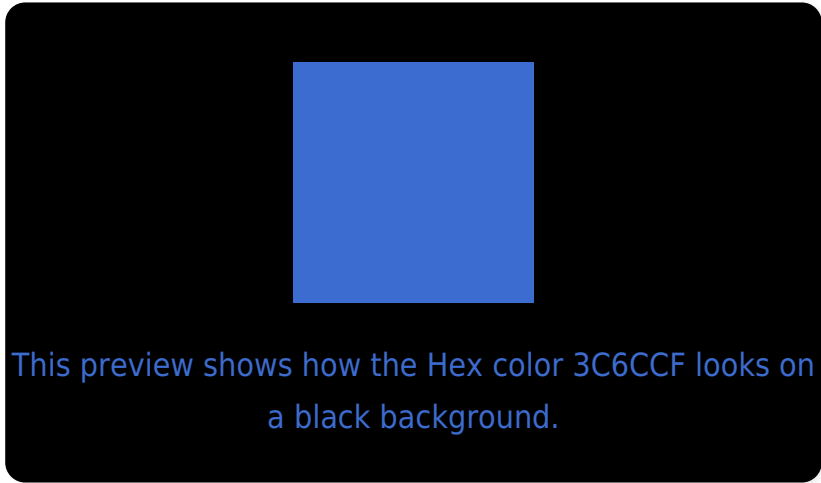
Large Text (above 18pt) WCAG AA ✓ Pass

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

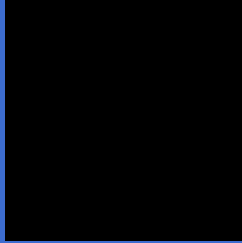
Any Text WCAG AA × Fail

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 3C6CCF Background



This preview shows how black text looks on a background with the Hex color 3C6CCF.



This preview shows how white text looks on a background with the Hex color 3C6CCF.

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](#).

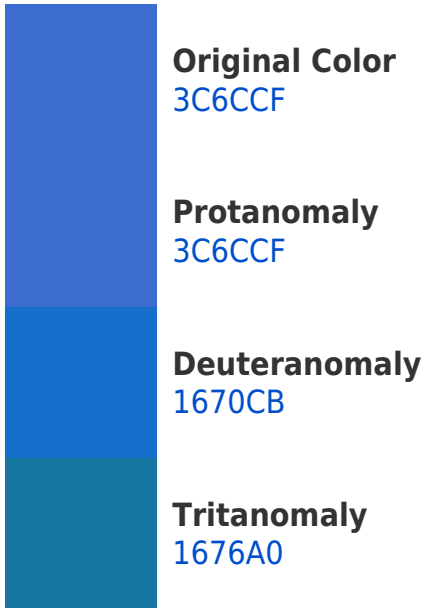
Dichromacy





Tritanopia
007C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3C6CCF 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 #3C6CCF looks like.

```
.text, #text, p{  
    color:#3C6CCF  
}
```

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 #3C6CCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C6CCF
}
```

Border

The CSS property to change the border of an element to Hex 3C6CCF 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
#3C6CCF }
```

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

```
.border{ border-color:#3C6CCF }
```

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

Here you see how a box with a 4 pixel #3C6CCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C6CCF; -webkit-box-shadow:4px 4px  
4px 4px #3C6CCF; box-shadow:4px 4px 4px  
4px #3C6CCF }
```

Background

The CSS property to change the background color of an element to Hex 3C6CCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C6CCF }
```

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

```
.background{ background-color:#3C6CCF }
```

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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