

Converting Colors

Hex(395DF0)

Have a look what the booklet for
Hex(395DF0) contains.

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Color

Hex(395DF0)

Conversions

Conversions Part 1

Format	Color
Hex	395DF0
RGB	57, 93, 240
RGB Percent	22%, 36%, 94%
CMY	0.7765, 0.6353, 0.0588
CMYK	0.76, 0.61, 0.00, 0.06
HSL	228°, 86%, 58%
HSV	228°, 76%, 94%
XYZ	21.3299, 14.9898, 84.2072
YIQ	98.9940, -68.6430, 38.0850

Conversions

Conversions Part 2

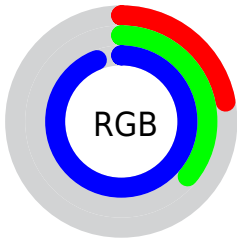
Format	Color
RYB	57, 87, 240
Decimal	3759600
CIELab	45.62, 38.24, -77.34
CIElCh	46, 86.277, 296.311
Yxy	14.9898, 0.1770, 0.1244
Android (android.graphics.Color)	4281949680 (0xFF395DF0)
YUV	98.9940, 69.5160, -36.8287
Hunter-Lab	38.7167, 30.5853, -101.8516

Details

The Hex color **395DF0** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **F0CC39**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **828FFF**, and **0030B7** is the 20% darker color. If you saturate the color by 10%, you get **214AF0**, and if you desaturate by 10%, it is **5170F0**.

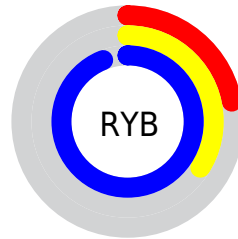
Distribution



Red (22%)

Green (36%)

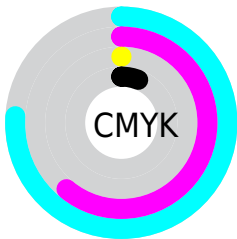
Blue (94%)



Red (22%)

Yellow (34%)

Blue (94%)

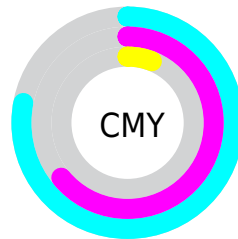


Cyan (76%)

Magenta (61%)

Yellow (0%)

Black (6%)



Cyan (78%)

Magenta (64%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 395DF0 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 395DF0 by changing the saturation by 10% instead.

■ 395DF0

■ 395DF0

FFFFFF

■ 0046D3

■ 828FFF

■ 0030B7

■ A2A9FF

■ 001C9B

■ C1C5FF

■ 000B80

■ E1E1FF

■ 000266

■ FFFDFD

■ 000A4D

■ 000535

■ 00021F

■ 000002

■ 395DF0

■ 395DF0

■ 214AF0

■ 5170F0

■ 0936F0

■ 6984F0

■ 002FF0

■ 8197F0

■ 99AAF0

■ B1BDF0

■ C9D1F0

■ E1E4F0

■ F9F7F0

■ FFFFF0

Harmonies

Analogous

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



0079FF



395DF0



B625BE

Triad

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



395DF0



C04200



008861

Complementary

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



395DF0



F0CC39

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.



008304



395DF0



8C6700

Square

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



395DF0



E00032



457A00



0089AB

Rectangle

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



395DF0



D70090



457A00



008747

Sweetspot

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



395DF0



C4D0FF



39F0CB



5C6380



000000



808080

Same Dimension

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



395DF0



1443FF



7039F0



6C6E78



0024B8



000B38

Inverse Universe

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



F0395D



FF1443



B9F039



786C6E



B80024



38000B

Previews

White Background



This preview shows how the Hex color 395DF0 looks on a white background.

Color Contrast Check

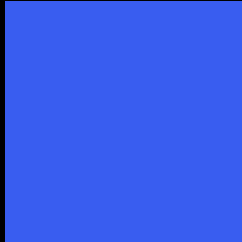
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 395DF0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

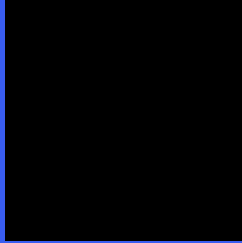
Any Text WCAG AA × Fail

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 395DF0 Background



This preview shows how black text looks on a background with the Hex color 395DF0.



This preview shows how white text looks on a background with the Hex color 395DF0.

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](#).

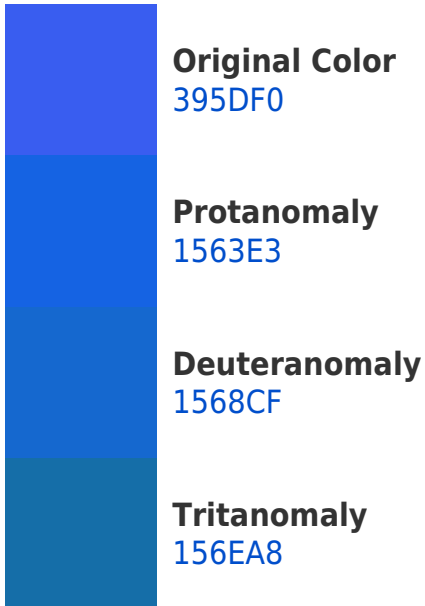
Dichromacy



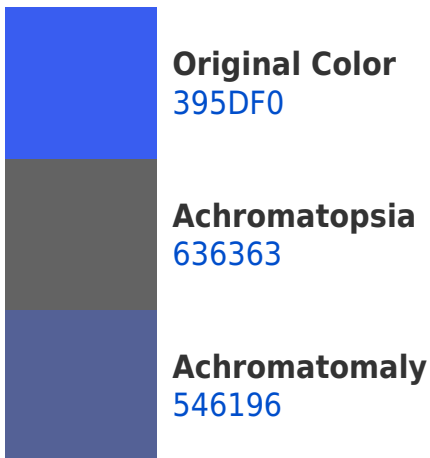


Tritanopia
00777F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 395DF0 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 #395DF0 looks like.

```
.text, #text, p{  
    color:#395DF0  
}
```

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 #395DF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #395DF0
}
```

Border

The CSS property to change the border of an element to Hex 395DF0 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
#395DF0 }
```

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

```
.border{ border-color:#395DF0 }
```

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

Here you see how a box with a 4 pixel #395DF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #395DF0; -webkit-box-shadow:4px 4px  
4px 4px #395DF0; box-shadow:4px 4px 4px  
4px #395DF0 }
```

Background

The CSS property to change the background color of an element to Hex 395DF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#395DF0 }
```

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

```
.background{ background-color:#395DF0 }
```

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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