

Converting Colors

Hex(395AF1)

Have a look what the booklet for
Hex(395AF1) contains.

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Color

Hex(395AF1)

Conversions

Conversions Part 1

Format	Color
Hex	395AF1
RGB	57, 90, 241
RGB Percent	22%, 35%, 95%
CMY	0.7765, 0.6471, 0.0549
CMYK	0.76, 0.63, 0.00, 0.05
HSL	229°, 87%, 58%
HSV	229°, 76%, 95%
XYZ	21.2207, 14.5331, 84.9058
YIQ	97.3470, -68.1390, 39.9650

Conversions

Conversions Part 2

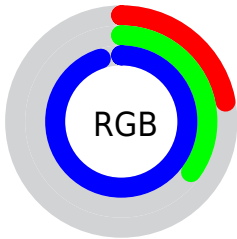
Format	Color
R_{YB}	57, 85, 241
Decimal	3758833
CIE _{Lab}	44.99, 40.45, -78.94
CIE _{LCh}	45, 88.695, 297.131
Yxy	14.5331, 0.1759, 0.1204
Android (android.graphics.Color)	4281948913 (0xFF395AF1)
YUV	97.3470, 70.8209, -35.3843
Hunter-Lab	38.1223, 32.6478, -105.3650

Details

The Hex color **395AF1** 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 **F1D039**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **828CFF**, and **002DB8** is the 20% darker color. If you saturate the color by 10%, you get **2146F1**, and if you desaturate by 10%, it is **516EF1**.

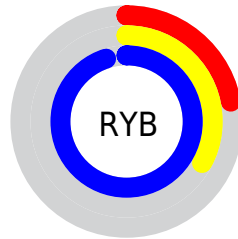
Distribution



Red (22%)

Green (35%)

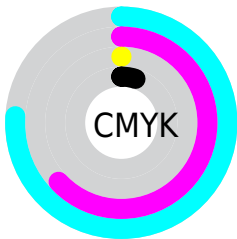
Blue (95%)



Red (22%)

Yellow (33%)

Blue (95%)

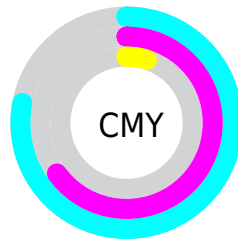


Cyan (76%)

Magenta (63%)

Yellow (0%)

Black (5%)



Cyan (78%)

Magenta (65%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 395AF1 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 395AF1 by changing the saturation by 10% instead.

 395AF1

 395AF1

FFFFFF

 0043D4

 828CFF

 002DB8

 A2A6FF

 001A9C

 C2C1FF

 000881

 E1DDFF

 000367

 FFFAFF

 000A4E

 000536

 000220

 000003

■ 395AF1

■ 395AF1

■ 2146F1

■ 516EF1

■ 0932F1

■ 6982F1

■ 002BF1

■ 8195F1

■ 99A9F1

■ B1BDF1

■ CAD1F1

■ E2E4F1

■ FAF8F1

■ FFFFF1

Harmonies

Analogous

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



0078FF



395AF1



B81ABC

Triad

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



395AF1



BE4000



008661

Complementary

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



395AF1



F1D039

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.



008200



395AF1



886600

Square

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



395AF1



E0002D



3E7900



0087AD

Rectangle

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



395AF1



D9008E



3E7900



008547

Sweetspot

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



395AF1



C4CFFF



39F1CF



5C6280



000000



808080

Same Dimension

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



395AF1



143EFF



7339F1



6C6E78



0021B8



000A38

Inverse Universe

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



F1395A



FF143E



B7F139



786C6E



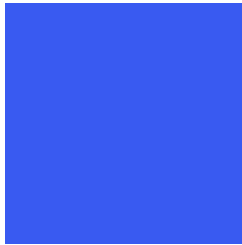
B80021



38000A

Previews

White Background



This preview shows how the Hex color 395AF1 looks on a white background.

Color Contrast Check

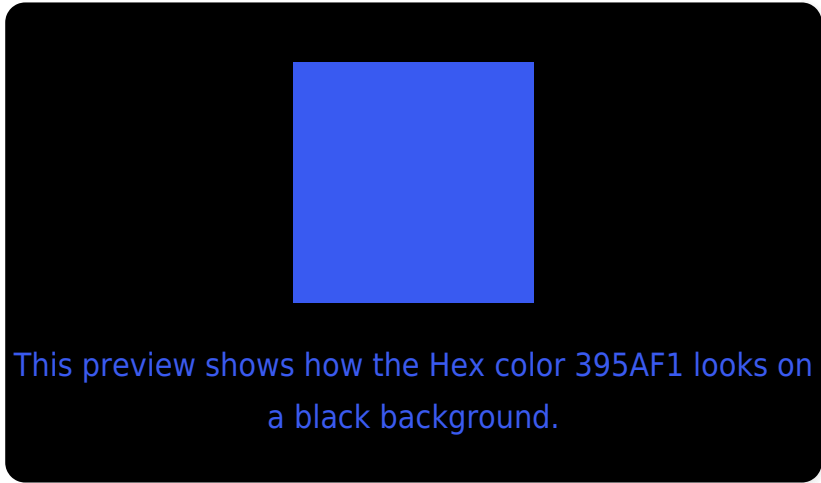
Large Text (above 18pt) WCAG AA ✓ Pass

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

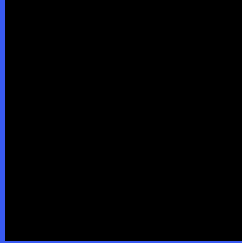
Any Text WCAG AA × Fail

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 395AF1 Background



This preview shows how black text looks on a background with the Hex color 395AF1.

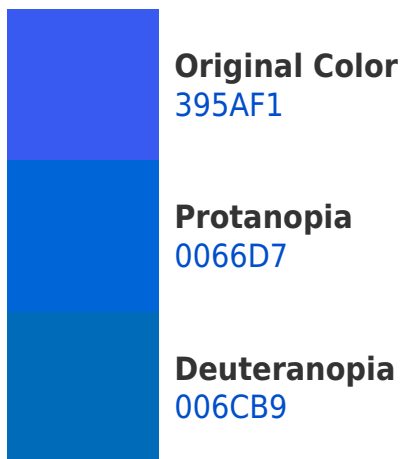


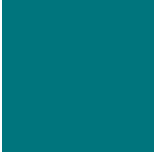
This preview shows how white text looks on a background with the Hex color 395AF1.

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](#).

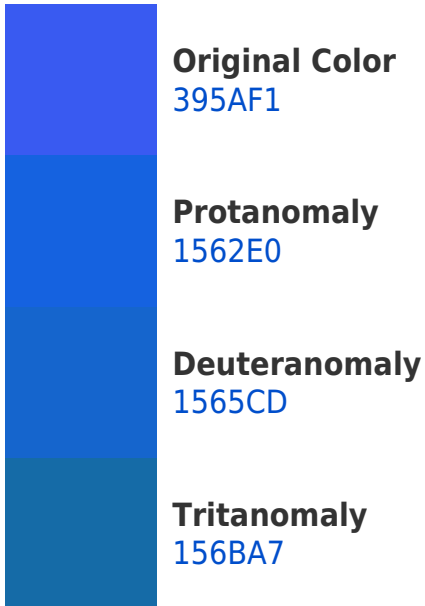
Dichromacy



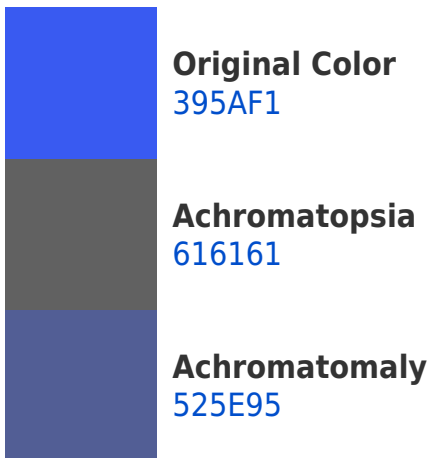


Tritanopia
00757D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 395AF1 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 #395AF1 looks like.

```
.text, #text, p{  
    color:#395AF1  
}
```

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 #395AF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #395AF1
}
```

Border

The CSS property to change the border of an element to Hex 395AF1 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
#395AF1 }
```

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

```
.border{ border-color:#395AF1 }
```

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

Here you see how a box with a 4 pixel #395AF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #395AF1; -webkit-box-shadow:4px 4px  
4px 4px #395AF1; box-shadow:4px 4px 4px  
4px #395AF1 }
```

Background

The CSS property to change the background color of an element to Hex 395AF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#395AF1 }
```

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

```
.background{ background-color:#395AF1 }
```

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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