

Converting Colors

Hex(395BD1)

Have a look what the booklet for
Hex(395BD1) contains.

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Color

Hex(395BD1)

Conversions

Conversions Part 1

Format	Color
Hex	395BD1
RGB	57, 91, 209
RGB Percent	22%, 36%, 82%
CMY	0.7765, 0.6431, 0.1804
CMYK	0.73, 0.56, 0.00, 0.18
HSL	227°, 62%, 52%
HSV	227°, 73%, 82%
XYZ	16.9371, 12.9555, 61.9296
YIQ	94.2860, -58.1420, 29.4900

Conversions

Conversions Part 2

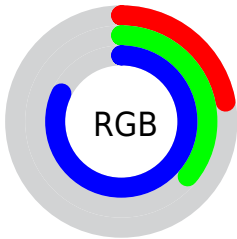
Format	Color
RYB	57, 85, 209
Decimal	3759057
CIELab	42.70, 28.36, -64.51
CIElCh	43, 70.468, 293.735
Yxy	12.9555, 0.1845, 0.1411
Android (android.graphics.Color)	4281949137 (0xFF395BD1)
YUV	94.2860, 56.5540, -32.6998
Hunter-Lab	35.9937, 21.0052, -76.8168

Details

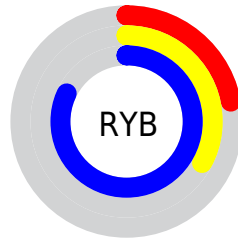
The Hex color **395BD1** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **D1AF39**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7B8DFF**, and **002E99** is the 20% darker color. If you saturate the color by 10%, you get **244BD1**, and if you desaturate by 10%, it is **4E6BD1**.

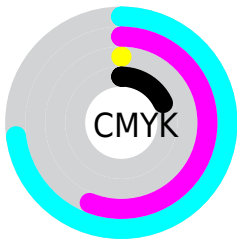
Distribution



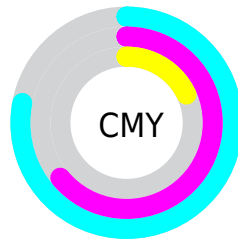
- Red (22%)
- Green (36%)
- Blue (82%)



- Red (22%)
- Yellow (33%)
- Blue (82%)



- Cyan (73%)
- Magenta (56%)
- Yellow (0%)
- Black (18%)



- Cyan (78%)
- Magenta (64%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 395BD1 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 395BD1 by changing the saturation by 10% instead.

 395BD1

 395BD1

FFFFFF

 0044B5

 7B8DFF

 002E99

 9AA7FF

 001B7F

 B8C2FF

 000465

 D6DEFF

 00094C

 F5FAFF

 000434

 00021E

 000000

 395BD1

 395BD1

■ 244BD1

■ 4E6BD1

■ 0F3BD1

■ 637BD1

■ 002FD1

■ 788CD1

■ 8D9CD1

■ A2ACD1

■ B6BCD1

■ CBCDD1

■ E0DDD1

■ F5EDD1

Harmonies

Analogous

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



0070DA



395BD1



9D39AB

Triad

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



395BD1



AE4200



007C56

Complementary

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



395BD1



D1AF39

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.



007814



395BD1



855E00

Square

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



395BD1



C6183A



4E6F00



007D92

Rectangle

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



395BD1



BA1A87



4E6F00



007B42

Sweetspot

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



395BD1



C7D3FF



39D1AE



5E6680



000000



808080

Same Dimension

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



395BD1



2153FF



6239D1



5E6069



0026A8



000929

Inverse Universe

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



D1395B



FF2153



A8D139



695E60



A80026



290009

Previews

White Background



This preview shows how the Hex color 395BD1 looks on a white background.

Color Contrast Check

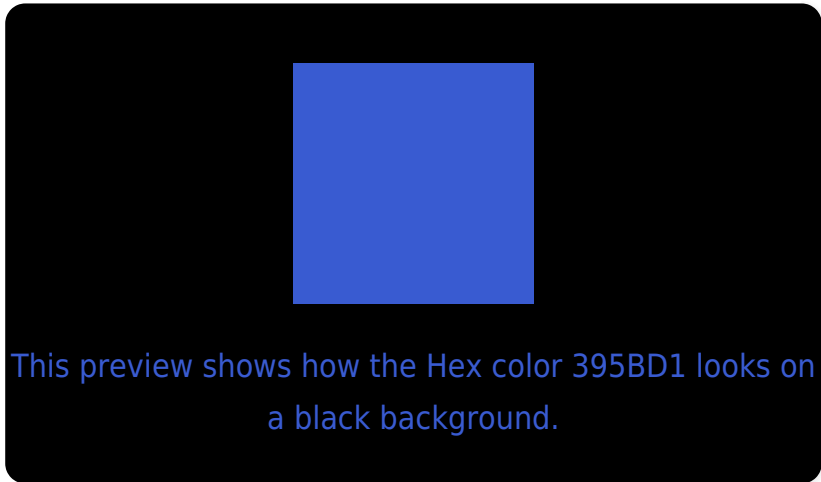
Large Text (above 18pt) WCAG AA ✓ Pass

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

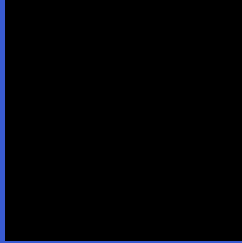
Any Text WCAG AA × Fail

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 395BD1 Background



This preview shows how black text looks on a background with the Hex color 395BD1.

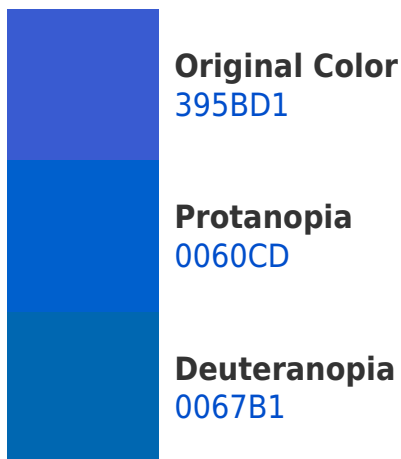


This preview shows how white text looks on a background with the Hex color 395BD1.

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
006F77

Trichromacy



Original Color
395BD1

Protanomaly
155ECE

Deuteranomaly
1563BD

Tritanomaly
156898

Monochromacy



Original Color
395BD1

Achromatopsia
5E5E5E

Achromatomaly
515D88

CSS Examples

Text

The CSS property to change the color of the text to Hex 395BD1 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 #395BD1 looks like.

```
.text, #text, p{  
    color:#395BD1  
}
```

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 #395BD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #395BD1
}
```

Border

The CSS property to change the border of an element to Hex 395BD1 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
#395BD1 }
```

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

```
.border{ border-color:#395BD1 }
```

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

Here you see how a box with a 4 pixel #395BD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #395BD1; -webkit-box-shadow:4px 4px  
4px 4px #395BD1; box-shadow:4px 4px 4px  
4px #395BD1 }
```

Background

The CSS property to change the background color of an element to Hex 395BD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#395BD1 }
```

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

```
.background{ background-color:#395BD1 }
```

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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