

# Converting Colors

Hex(395AC6)

Have a look what the booklet for  
Hex(395AC6) contains.

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# Color

**Hex(395AC6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	395AC6
RGB	57, 90, 198
RGB Percent	22%, 35%, 78%
CMY	0.7765, 0.6471, 0.2235
CMYK	0.71, 0.55, 0.00, 0.22
HSL	226°, 55%, 50%
HSV	226°, 71%, 78%
XYZ	15.5365, 12.2594, 54.9735
YIQ	92.4450, -54.3360, 26.5920

# Conversions

## Conversions Part 2

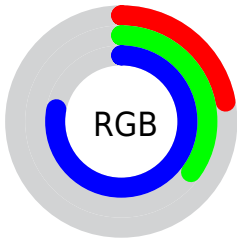
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	57, 84, 198
Decimal	3758790
CIE <sub>Lab</sub>	41.63, 25.00, -59.90
CIE <sub>LCh</sub>	42, 64.909, 292.653
Yxy	12.2594, 0.1877, 0.1481
Android (android.graphics.Color)	4281948870 (0xFF395AC6)
YUV	92.4450, 52.0386, -31.0853
Hunter-Lab	35.0134, 17.9325, -68.5800

# Details

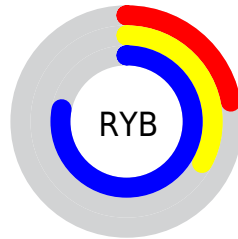
The Hex color **395AC6** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **C6A539**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **798CFF**, and **002D8F** is the 20% darker color. If you saturate the color by 10%, you get **254BC6**, and if you desaturate by 10%, it is **4D69C6**.

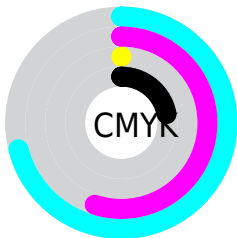
# Distribution



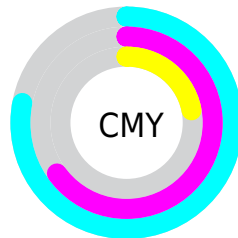
- Red (22%)
- Green (35%)
- Blue (78%)



- Red (22%)
- Yellow (33%)
- Blue (78%)



- Cyan (71%)
- Magenta (55%)
- Yellow (0%)
- Black (22%)



- Cyan (78%)
- Magenta (65%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 395AC6 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 395AC6 by changing the saturation by 10% instead.



 395AC6

 395AC6

FFFFFF

 0143AA

 798CFF

 002D8F

 97A6FF

 001A75

 B5C1FF

 00005C

 D3DDFF

 000743

 F1F9FF

 00032C

 000116

 000000

 395AC6

 395AC6

■ 254BC6

■ 4D69C6

■ 113CC6

■ 6178C6

■ 002EC6

■ 7487C6

■ 8897C6

■ 9CA6C6

■ B0B5C6

■ C4C4C6

■ D7D3C6

■ EBE2C6

# Harmonies

## Analogous

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



006DCD



395AC6



943DA4

# Triad

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



395AC6



A84202



007853

# Complementary

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



395AC6



C6A539

# 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.



007418



395AC6



835B00

# Square

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



395AC6



BC233D



516B00



00798A

# Rectangle

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



395AC6



B02683



516B00



007740



# Sweetspot

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



395AC6



C9D6FF



39C6A3



606780



000000



808080



# Same Dimension

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



395AC6



2659FF



5C39C6



5A5C63



0026A3



000824



# Inverse Universe

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



C6395A



FF2659



A3C639



635A5C



A30026



240008



# Previews

## White Background



This preview shows how the Hex color 395AC6 looks on a white background.

## Color Contrast Check

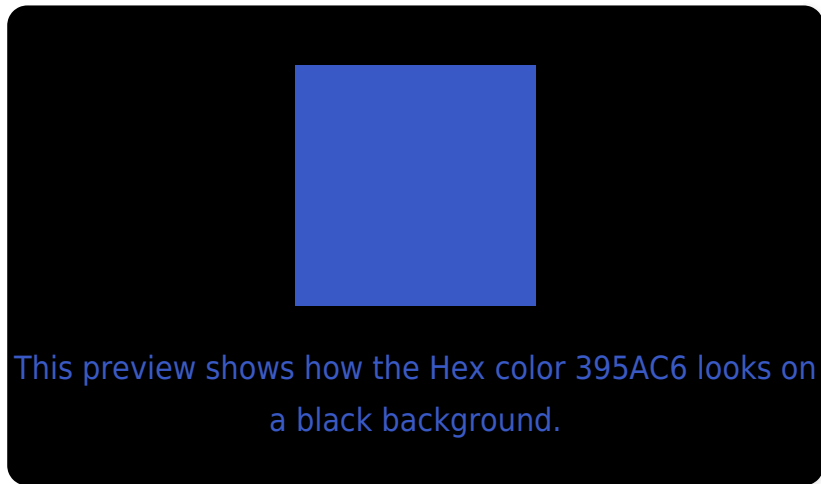
Large Text (above 18pt) WCAG AA ✓ Pass

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

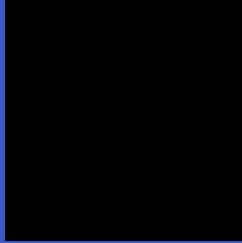
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 395AC6 Background



This preview shows how black text looks on a background with the Hex color 395AC6.

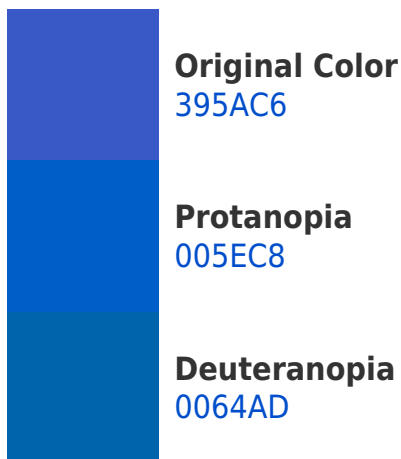


This preview shows how white text looks on a background with the Hex color 395AC6.

# 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](#).

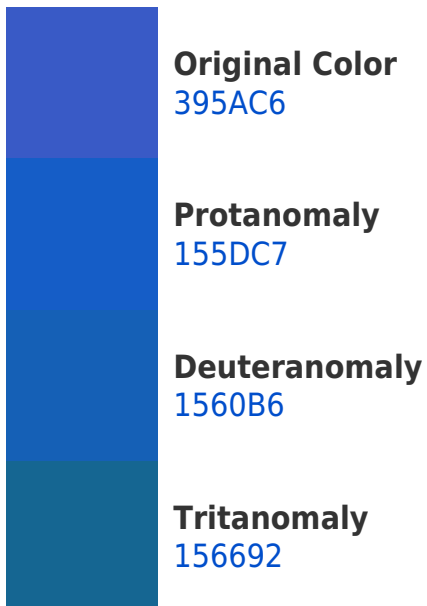
## Dichromacy





**Tritanopia**  
006D74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 395AC6 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 #395AC6 looks like.

```
.text, #text, p{  
    color:#395AC6  
}
```

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 #395AC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #395AC6
}
```

## Border

The CSS property to change the border of an element to Hex 395AC6 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
#395AC6 }
```

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

```
.border{ border-color:#395AC6 }
```

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

Here you see how a box with a 4 pixel #395AC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #395AC6; -webkit-box-shadow:4px 4px  
4px 4px #395AC6; box-shadow:4px 4px 4px  
4px #395AC6 }
```

# Background

The CSS property to change the background color of an element to Hex 395AC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#395AC6 }
```

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

```
.background{ background-color:#395AC6 }
```

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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