

# Converting Colors

Hex(395DEC)

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

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# Color

Hex(395DEC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	395DEC
RGB	57, 93, 236
RGB Percent	22%, 36%, 93%
CMY	0.7765, 0.6353, 0.0745
CMYK	0.76, 0.61, 0.00, 0.07
HSL	228°, 82%, 57%
HSV	228°, 76%, 93%
XYZ	20.7420, 14.7547, 81.1116
YIQ	98.5380, -67.3590, 36.8410

# Conversions

## Conversions Part 2

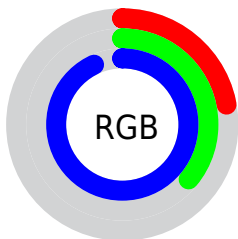
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">57, 87, 236</a>
Decimal	<a href="#">3759596</a>
CIELab	<a href="#">45.30, 36.82, -75.62</a>
CIELCh	<a href="#">45, 84.107, 295.962</a>
Yxy	<a href="#">14.7547, 0.1779, 0.1265</a>
Android (android.graphics.Color)	<a href="#">4281949676</a> (0xFF395DEC)
YUV	<a href="#">98.5380, 67.7688, -36.4288</a>
Hunter-Lab	<a href="#">38.4118, 29.1676, -98.3103</a>

# Details

The Hex color **395DEC** 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 **ECC839**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **818FFF**, and **0030B3** is the 20% darker color. If you saturate the color by 10%, you get **214AEC**, and if you desaturate by 10%, it is **5170EC**.

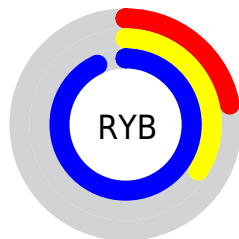
# Distribution



Red (22%)

Green (36%)

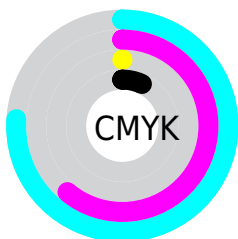
Blue (93%)



Red (22%)

Yellow (34%)

Blue (93%)

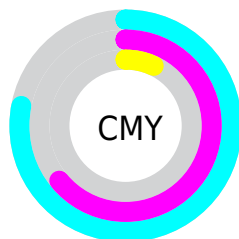


Cyan (76%)

Magenta (61%)

Yellow (0%)

Black (7%)



Cyan (78%)

Magenta (64%)

Yellow (7%)

# Brightness & Saturation Gradients

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



 395DEC

 395DEC

FFFFFF

 0046CF

 818FFF

 0030B3

 A1A9FF

 001C97

 C0C5FF

 000B7D

 DFE1FF

 000363

 FEFDFD

 00094A

 000432

 00021C

 000000

■ 395DEC

■ 395DEC

■ 214AEC

■ 5170EC

■ 0A37EC

■ 6883EC

■ 002FEC

■ 8096EC

■ 97A8EC

■ AFB8EC

■ C7CEEC

■ DEE1EC

■ F6F4EC

■ FFFFEC

# Harmonies

## Analogous

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



0078FA



395DEC



B329BB

# Triad

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



395DEC



BE4200



00865F

# Complementary

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



395DEC



ECC839

# 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.



008207



395DEC



8B6600

# Square

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



395DEC



DC0033



467900



0087A8

# Rectangle

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



395DEC



D4008F



467900



008546



# Sweetspot

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



395DEC



C4D0FF



39ECC5



5C6380



000000



808080



# Same Dimension

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



395DEC



1746FF



6C39EC



6A6C75



0024B5



000B36



# Inverse Universe

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



EC395D



FF1746



B9EC39



756A6C



B50024



36000B



# Previews

## White Background



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

## Color Contrast Check

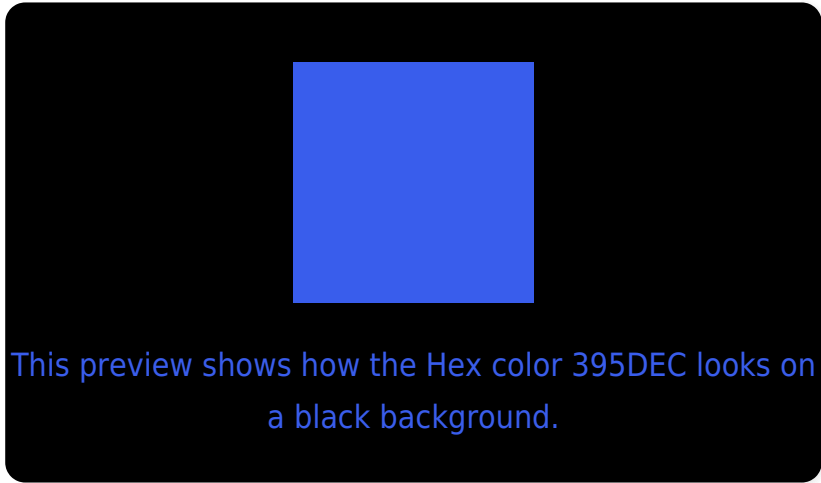
Large Text (above 18pt) WCAG AA ✓ Pass

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

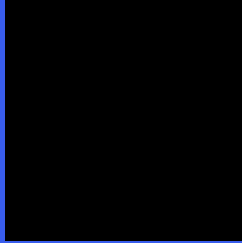
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 395DEC Background



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

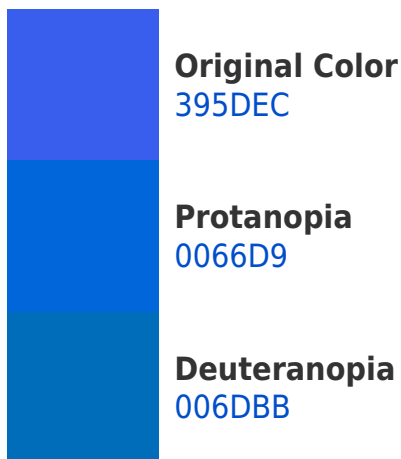


This preview shows how white text looks on a background with the Hex color 395DEC.

# 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](#).

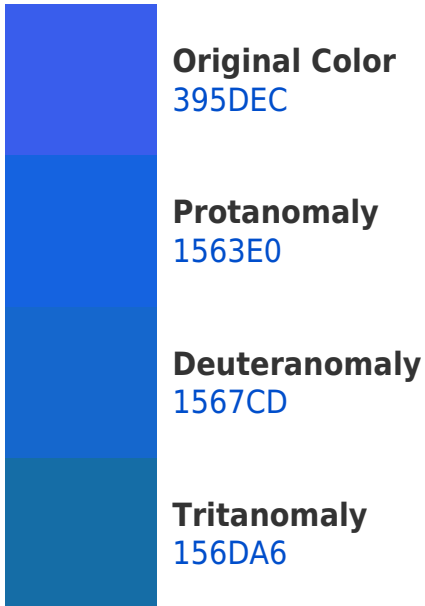
## Dichromacy



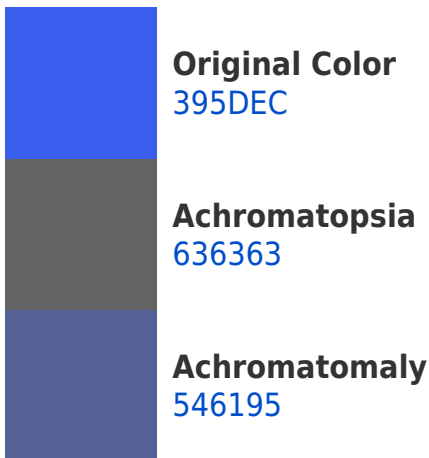


**Tritanopia**  
00767E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #395DEC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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