

# Converting Colors

Hex(397AEE)

Have a look what the booklet for  
Hex(397AEE) contains.

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# Color

**Hex(397AEE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	397AEE
RGB	57, 122, 238
RGB Percent	22%, 48%, 93%
CMY	0.7765, 0.5216, 0.0667
CMYK	0.76, 0.49, 0.00, 0.07
HSL	218°, 84%, 58%
HSV	218°, 76%, 93%
XYZ	24.0795, 20.9620, 83.6659
YIQ	115.7890, -75.9760, 22.2960

# Conversions

## Conversions Part 2

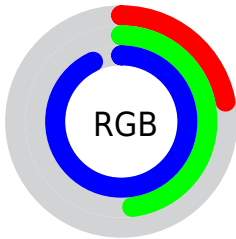
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	57, 105, 238
Decimal	3767022
CIE Lab	52.91, 19.36, -64.38
CIE LCh	53, 67.228, 286.738
Yxy	20.9620, 0.1871, 0.1629
Android (android.graphics.Color)	4281957102 (0xFF397AEE)
YUV	115.7890, 60.2500, -51.5580
Hunter-Lab	45.7842, 13.7568, -76.2972

# Details

The Hex color **397AEE** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **EEAD39**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **80AEFF**, and **004AB5** is the 20% darker color. If you saturate the color by 10%, you get **216BEE**, and if you desaturate by 10%, it is **5189EE**.

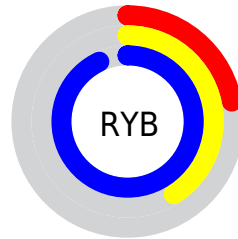
# Distribution



Red (22%)

Green (48%)

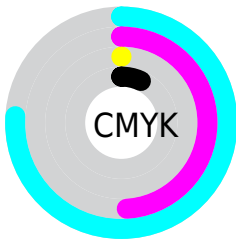
Blue (93%)



Red (22%)

Yellow (41%)

Blue (93%)

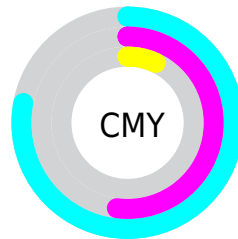


Cyan (76%)

Magenta (49%)

Yellow (0%)

Black (7%)



Cyan (78%)

Magenta (52%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 397AEE 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 397AEE by changing the saturation by 10% instead.



 397AEE

 397AEE

FFFFFF

 0062D1

 80AEFF

 004AB5

 9FC9FF

 00359A

 BEE5FF

 00217F

 DDFFFF

 000C65

 FCFFFF

 00094C

 000535

 00021E

 000001

■ 397AEE

■ 397AEE

■ 216BEE

■ 5189EE

■ 095BEE

■ 6999EE

■ 0055EE

■ 80A8EE

■ 98B7EE

■ B0C6EE

■ C8D6EE

■ E0E5EE

■ F7F4EE

■ FFFFEE

# Harmonies

## Analogous

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



008CEF



397AEE



A85FCE

# Triad

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



397AEE



D3582A



009762

# Complementary

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



397AEE



EEAD39

# 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.



2E9126



397AEE



AD7200

# Square

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



397AEE



E44061



7A8500



00989E

# Rectangle

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



397AEE



CD4BAD



7A8500



00954E



# Sweetspot

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



397AEE



C4D9FF



39EEAC



5C6980



000000



808080



# Same Dimension

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



397AEE



176AFF



5139EE



6C7078



0042B8



001438



# Inverse Universe

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



EE397A



FF176A



D6EE39



786C70



B80042



380014



# Previews

## White Background



This preview shows how the Hex color 397AEE looks on a white background.

## Color Contrast Check

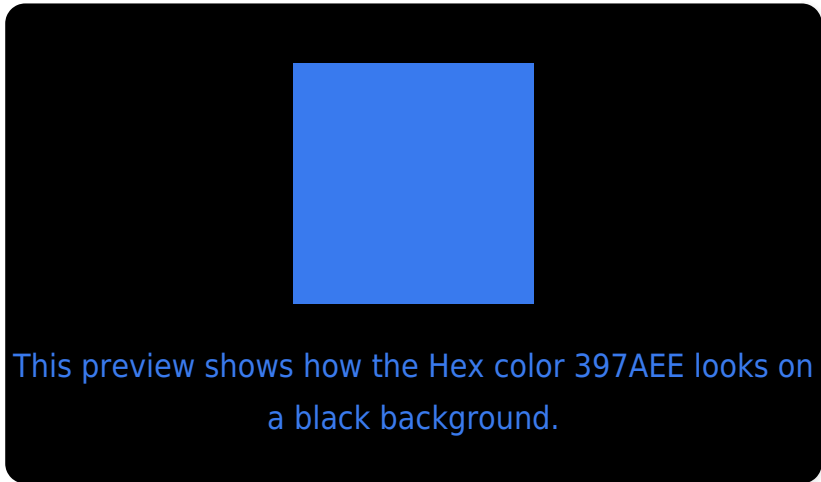
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

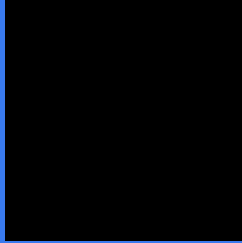
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

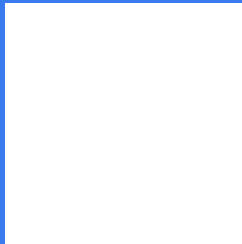
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 397AEE Background



This preview shows how black text looks on a background with the Hex color 397AEE.

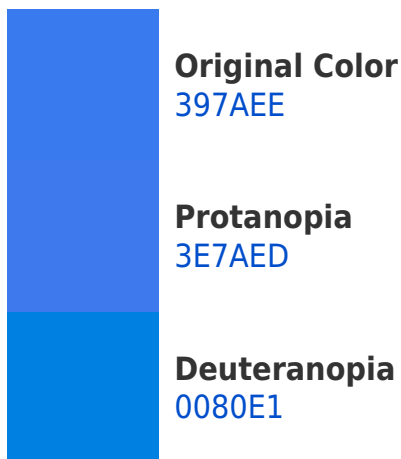


This preview shows how white text looks on a background with the Hex color 397AEE.

# 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



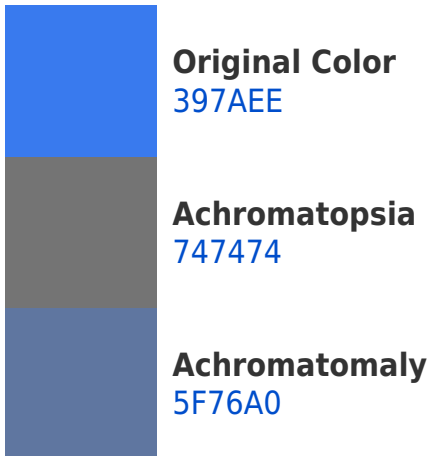


**Tritanopia**  
008B95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 397AEE 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 #397AEE looks like.

```
.text, #text, p{  
  color:#397AEE  
}
```

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 #397AEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #397AEE
}
```

## Border

The CSS property to change the border of an element to Hex 397AEE 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
#397AEE }
```

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

```
.border{ border-color:#397AEE }
```

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

Here you see how a box with a 4 pixel #397AEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #397AEE; -webkit-box-shadow:4px 4px  
4px 4px #397AEE; box-shadow:4px 4px 4px  
4px #397AEE }
```

# Background

The CSS property to change the background color of an element to Hex 397AEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#397AEE }
```

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

```
.background{ background-color:#397AEE }
```

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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