

Converting Colors

Hex(3E7FCF)

Have a look what the booklet for
Hex(3E7FCF) contains.

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Color

Hex(3E7FCF)

Conversions

Conversions Part 1

Format	Color
Hex	3E7FCF
RGB	62, 127, 207
RGB Percent	24%, 50%, 81%
CMY	0.7569, 0.5020, 0.1882
CMYK	0.70, 0.39, 0.00, 0.19
HSL	213°, 60%, 53%
HSV	213°, 70%, 81%
XYZ	20.8385, 20.7079, 61.9302
YIQ	116.6850, -64.4200, 11.1000

Conversions

Conversions Part 2

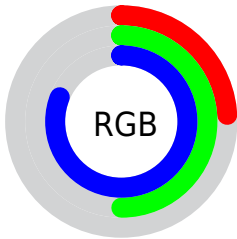
Format	Color
R _{YB}	62, 107, 207
Decimal	4095951
CIE Lab	52.63, 5.68, -47.38
CIE LCh	53, 47.723, 276.839
Yxy	20.7079, 0.2014, 0.2001
Android (android.graphics.Color)	4282286031 (0xFF3E7FCF)
YUV	116.6850, 44.5253, -47.9587
Hunter-Lab	45.5059, 2.1050, -48.8352

Details

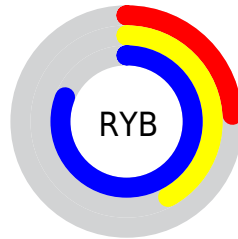
The Hex color **3E7FCF** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark muted azure. A complement of this color would be **CF8E3E**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **7DB3FF**, and **004F98** is the 20% darker color. If you saturate the color by 10%, you get **2974CF**, and if you desaturate by 10%, it is **538ACF**.

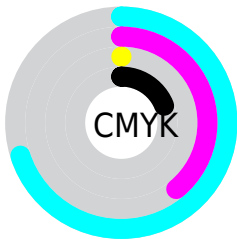
Distribution



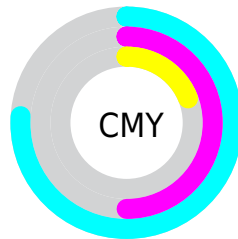
- Red (24%)
- Green (50%)
- Blue (81%)



- Red (24%)
- Yellow (42%)
- Blue (81%)



- Cyan (70%)
- Magenta (39%)
- Yellow (0%)
- Black (19%)



- Cyan (76%)
- Magenta (50%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E7FCF 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 3E7FCF by changing the saturation by 10% instead.

■ 3E7FCF

■ 3E7FCF

FFFFFF

■ 0E66B3

■ 7DB3FF

■ 004F98

■ 9BCFFF

■ 00387E

■ B9EBFF

■ 002464

■ D7FFFF

■ 000E4C

■ F5FFFF

■ 000434

■ 00021E

■ 000000

■ 3E7FCF

■ 3E7FCF

■ 2974CF

■ 538ACF

■ 1568CF

■ 6796CF

■ 005DCF

■ 7CA1CF

■ 91ADCF

■ A6B8CF

■ BAC4CF

■ CFCFCF

■ E4DACF

■ F8E6CF

Harmonies

Analogous

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



008AC8



3E7FCF



8C6FBF

Triad

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



3E7FCF



C4604F



178F5C

Complementary

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



3E7FCF



CF8E3E

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.



608938



3E7FCF



AE7031

Square

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



3E7FCF



C85876



8B7F26



009286

Rectangle

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



3E7FCF



AC64AB



8B7F26



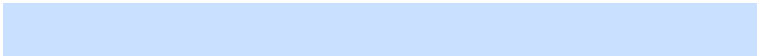
398E4F

Sweetspot

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



3E7FCF



C9E1FF



3ECF8E



606E80



000000



808080

Same Dimension

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



3E7FCF



2989FF



453ECF



5E6369



004BA8



001229

Inverse Universe

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



CF3E7F



FF2989



C8CF3E



695E63



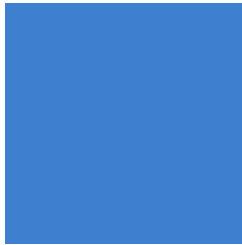
A8004B



290012

Previews

White Background



This preview shows how the Hex color 3E7FCF looks on a white background.

Color Contrast Check

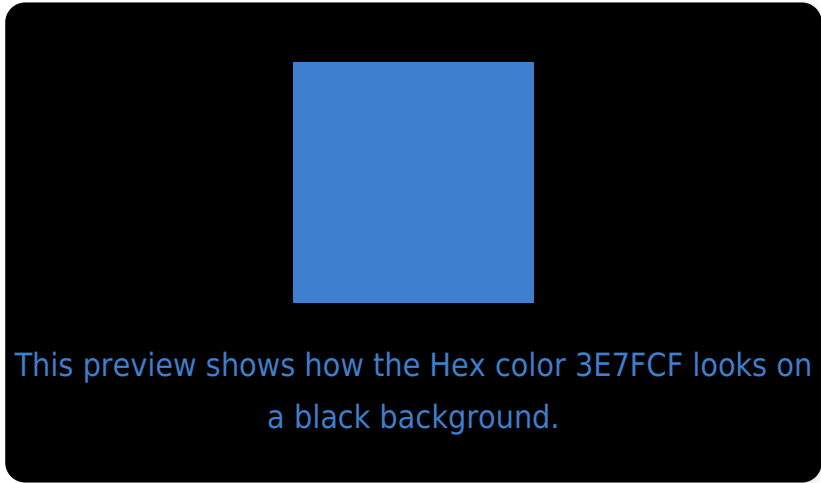
Large Text (above 18pt) WCAG AA ✓ Pass

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

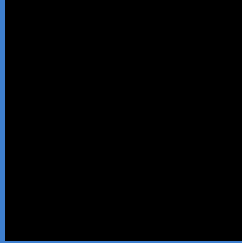
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

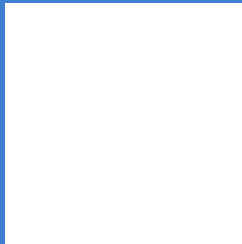
Any Text WCAG AAA × Fail

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

Hex 3E7FCF Background



This preview shows how black text looks on a background with the Hex color 3E7FCF.



This preview shows how white text looks on a background with the Hex color 3E7FCF.

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](#).

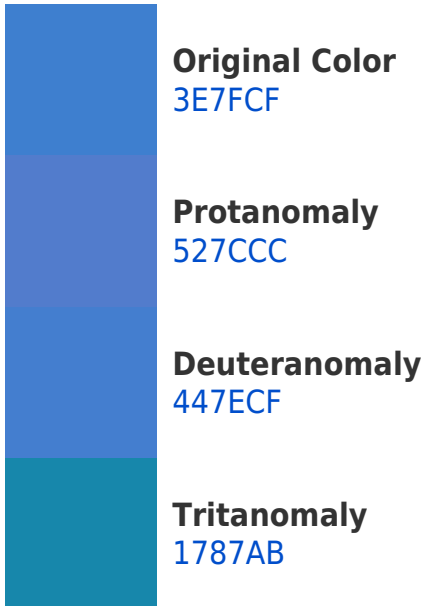
Dichromacy



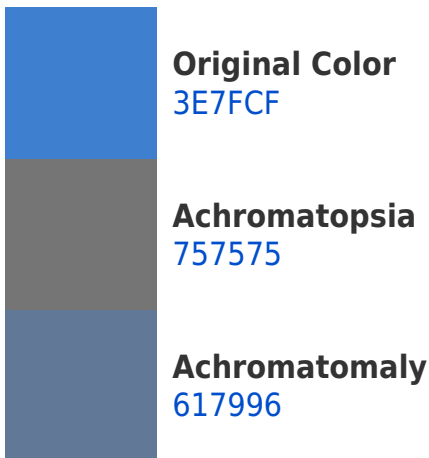


Tritanopia
008B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3E7FCF 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 #3E7FCF looks like.

```
.text, #text, p{  
    color:#3E7FCF  
}
```

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 #3E7FCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E7FCF
}
```

Border

The CSS property to change the border of an element to Hex 3E7FCF 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
#3E7FCF }
```

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

```
.border{ border-color:#3E7FCF }
```

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

Here you see how a box with a 4 pixel #3E7FCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E7FCF; -webkit-box-shadow:4px 4px  
4px 4px #3E7FCF; box-shadow:4px 4px 4px  
4px #3E7FCF }
```

Background

The CSS property to change the background color of an element to Hex 3E7FCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E7FCF }
```

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

```
.background{ background-color:#3E7FCF }
```

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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