

Converting Colors

Hex(3E7FEE)

Have a look what the booklet for
Hex(3E7FEE) contains.

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Color

Hex(3E7FEE)

Conversions

Conversions Part 1

Format	Color
Hex	3E7FEE
RGB	62, 127, 238
RGB Percent	24%, 50%, 93%
CMY	0.7569, 0.5020, 0.0667
CMYK	0.74, 0.47, 0.00, 0.07
HSL	218°, 84%, 59%
HSV	218°, 74%, 93%
XYZ	25.0086, 22.3759, 83.8898
YIQ	120.2190, -74.3710, 20.7410

Conversions

Conversions Part 2

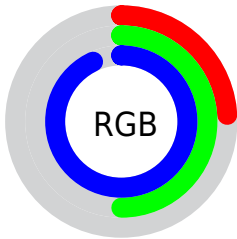
Format	Color
R _Y B	62, 109, 238
Decimal	4095982
CIE Lab	54.42, 16.85, -61.93
CIE LCh	54, 64.180, 285.217
Yxy	22.3759, 0.1905, 0.1705
Android (android.graphics.Color)	4282286062 (0xFF3E7FEE)
YUV	120.2190, 58.0660, -51.0581
Hunter-Lab	47.3032, 11.5901, -72.0356

Details

The Hex color **3E7FEE** 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 **EEAD3E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **83B3FF**, and **004FB5** is the 20% darker color. If you saturate the color by 10%, you get **2670EE**, and if you desaturate by 10%, it is **568EEE**.

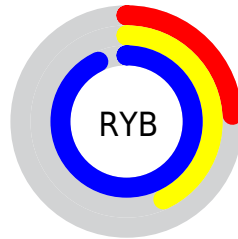
Distribution



Red (24%)

Green (50%)

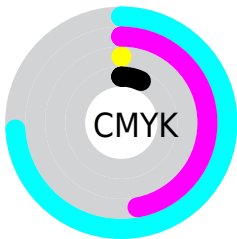
Blue (93%)



Red (24%)

Yellow (43%)

Blue (93%)

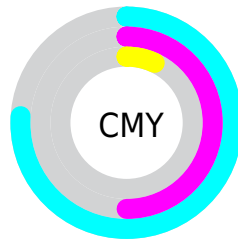


Cyan (74%)

Magenta (47%)

Yellow (0%)

Black (7%)



Cyan (76%)

Magenta (50%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E7FEE 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 3E7FEE by changing the saturation by 10% instead.

■ 3E7FEE

■ 3E7FEE

FFFFFF

■ 0066D1

■ 83B3FF

■ 004FB5

■ A2CEFF

■ 00399A

■ C1EBFF

■ 00257F

■ E0FFFF

■ 001265

■ 00094D

■ 000535

■ 00021F

■ 000001

■ 3E7FEE

■ 3E7FEE

■ 2670EE

■ 568EEE

■ 0E61EE

■ 6E9DEE

■ 0058EE

■ 85ACEE

■ 9DBBEE

■ B5CAEE

■ CDD9EE

■ E5E8EE

■ FCF7EE

■ FFFFEE

Harmonies

Analogous

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



0090EE



3E7FEE



A866D1

Triad

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



3E7FEE



D65D35



009A64

Complementary

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



3E7FEE



EEAD3E

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.



3F942C



3E7FEE



B37600

Square

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



3E7FEE



E54968



828800



009C9E

Rectangle

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



3E7FEE



CC54B2



828800



009851

Sweetspot

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



3E7FEE



C7DCFF



3EEEAB



5E6B80



000000



808080

Same Dimension

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



3E7FEE



1C70FF



533EEE



6C7078



0044B8



001538

Inverse Universe

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



EE3E7F



FF1C70



D9EE3E



786C70



B80044



380015

Previews

White Background



This preview shows how the Hex color 3E7FEE looks on a white background.

Color Contrast Check

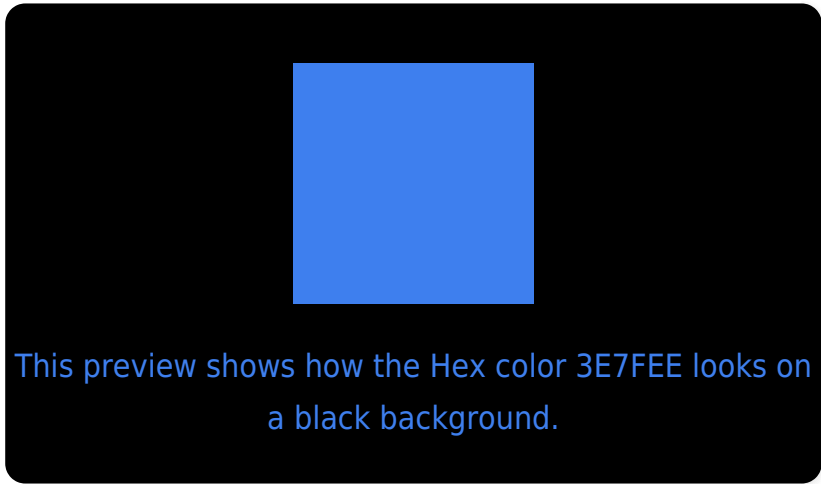
Large Text (above 18pt) WCAG AA ✓ Pass

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

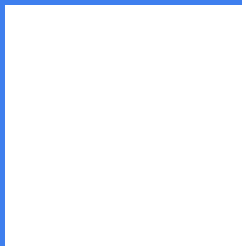
Any Text WCAG AAA × Fail

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

Hex 3E7FEE Background



This preview shows how black text looks on a background with the Hex color 3E7FEE.



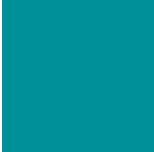
This preview shows how white text looks on a background with the Hex color 3E7FEE.

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](#).

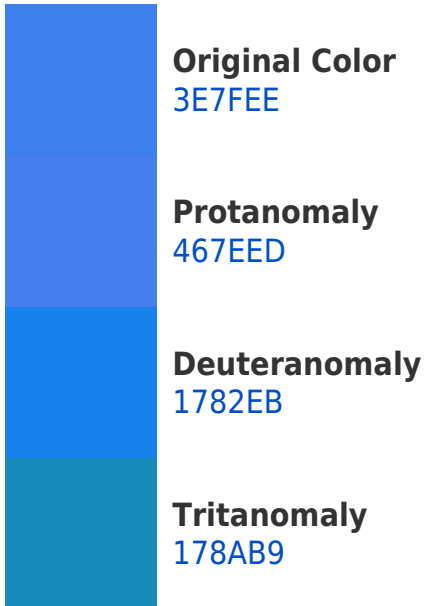
Dichromacy





Tritanopia
00909A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3E7FEE 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 #3E7FEE looks like.

```
.text, #text, p{  
    color:#3E7FEE  
}
```

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 #3E7FEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E7FEE
}
```

Border

The CSS property to change the border of an element to Hex 3E7FEE 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
#3E7FEE }
```

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

```
.border{ border-color:#3E7FEE }
```

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

Here you see how a box with a 4 pixel #3E7FEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E7FEE; -webkit-box-shadow:4px 4px  
4px 4px #3E7FEE; box-shadow:4px 4px 4px  
4px #3E7FEE }
```

Background

The CSS property to change the background color of an element to Hex 3E7FEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E7FEE }
```

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

```
.background{ background-color:#3E7FEE }
```

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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