

Converting Colors

Hex(3E7EE6)

Have a look what the booklet for
Hex(3E7EE6) contains.

Hex(3E7EE6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3E7EE6)

Conversions

Conversions Part 1

Format	Color
Hex	3E7EE6
RGB	62, 126, 230
RGB Percent	24%, 49%, 90%
CMY	0.7569, 0.5059, 0.0980
CMYK	0.73, 0.45, 0.00, 0.10
HSL	217°, 77%, 57%
HSV	217°, 73%, 90%
XYZ	23.7304, 21.6590, 77.7928
YIQ	118.7200, -71.5280, 18.7760

Conversions

Conversions Part 2

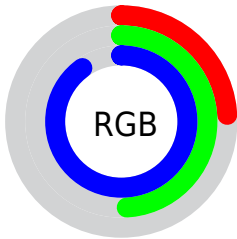
Format	Color
R _{YB}	62, 108, 230
Decimal	4095718
CIE Lab	53.66, 14.57, -58.69
CIE LCh	54, 60.468, 283.942
Yxy	21.6590, 0.1926, 0.1758
Android (android.graphics.Color)	4282285798 (0xFF3E7EE6)
YUV	118.7200, 54.8610, -49.7434
Hunter-Lab	46.5392, 9.5736, -66.5289

Details

The Hex color **3E7EE6** 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 **E6A63E**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **81B2FF**, and **004EAE** is the 20% darker color. If you saturate the color by 10%, you get **2770E6**, and if you desaturate by 10%, it is **558CE6**.

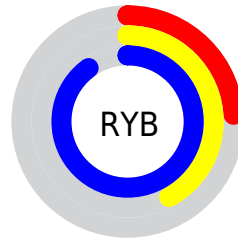
Distribution



Red (24%)

Green (49%)

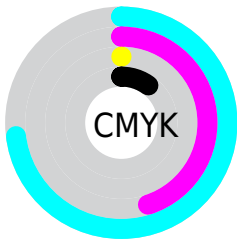
Blue (90%)



Red (24%)

Yellow (42%)

Blue (90%)

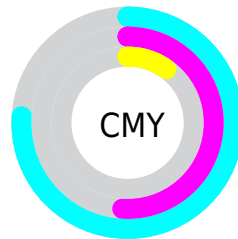


Cyan (73%)

Magenta (45%)

Yellow (0%)

Black (10%)



Cyan (76%)

Magenta (51%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E7EE6 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 3E7EE6 by changing the saturation by 10% instead.

■ 3E7EE6

■ 3E7EE6

FFFFFF

■ 0065C9

■ 81B2FF

■ 004EAE

■ A0CDFF

■ 003893

■ BFE9FF

■ 002478

■ DDFFFF

■ 000F5F

■ FCFFFF

■ 000846

■ 00042F

■ 000119

■ 000000

■ 3E7EE6

■ 3E7EE6

■ 2770E6

■ 558CE6

■ 1062E6

■ 6C9AE6

■ 0058E6

■ 83A9E6

■ 9AB7E6

■ B1C5E6

■ C8D3E6

■ DFE2E6

■ F6F0E6

■ FFFEE6

Harmonies

Analogous

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



008EE5



3E7EE6



A167CC

Triad

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



3E7EE6



D15D3A



009761

Complementary

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



3E7EE6



E6A63E

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.



46912E



3E7EE6



B0730C

Square

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



3E7EE6



DE4C6A



838500



009898

Rectangle

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



3E7EE6



C457AF



838500



009550

Sweetspot

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



3E7EE6



C7DCFF



3EE6A6



5E6B80



000000



808080

Same Dimension

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



3E7EE6



1F74FF



523EE6



676C73



0044B3



001333

Inverse Universe

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



E63E7E



FF1F74



D2E63E



73676C



B30044



330013

Previews

White Background



This preview shows how the Hex color 3E7EE6 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

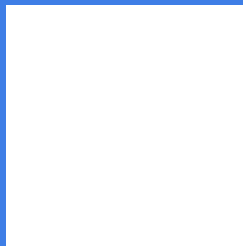
Any Text WCAG AAA × Fail

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

Hex 3E7EE6 Background



This preview shows how black text looks on a background with the Hex color 3E7EE6.



This preview shows how white text looks on a background with the Hex color 3E7EE6.

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](#).

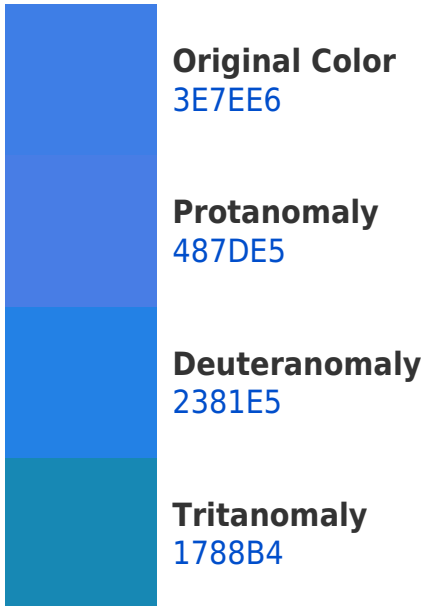
Dichromacy



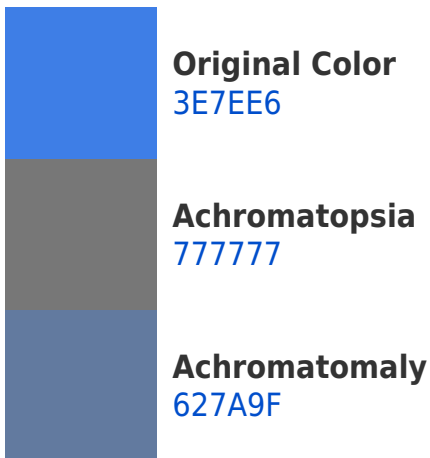


Tritanopia
008E98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3E7EE6 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 #3E7EE6 looks like.

```
.text, #text, p{  
    color:#3E7EE6  
}
```

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 #3E7EE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E7EE6  
}
```

Border

The CSS property to change the border of an element to Hex 3E7EE6 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  
#3E7EE6 }
```

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

```
.border{ border-color:#3E7EE6 }
```

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

Here you see how a box with a 4 pixel #3E7EE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E7EE6; -webkit-box-shadow:4px 4px  
4px 4px #3E7EE6; box-shadow:4px 4px 4px  
4px #3E7EE6 }
```

Background

The CSS property to change the background color of an element to Hex 3E7EE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E7EE6 }
```

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

```
.background{ background-color:#3E7EE6 }
```

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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