

Converting Colors

Hex(3E7CB5)

Have a look what the booklet for
Hex(3E7CB5) contains.

Hex(3E7CB5)	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(3E7CB5)

Conversions

Conversions Part 1

Format	Color
Hex	3E7CB5
RGB	62, 124, 181
RGB Percent	24%, 49%, 71%
CMY	0.7569, 0.5137, 0.2902
CMYK	0.66, 0.31, 0.00, 0.29
HSL	209°, 49%, 48%
HSV	209°, 66%, 71%
XYZ	17.5347, 18.7756, 46.4159
YIQ	111.9600, -55.2490, 4.5830

Conversions

Conversions Part 2

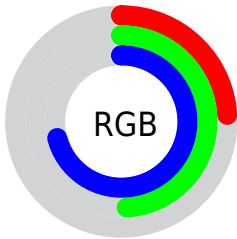
Format	Color
R_{YB}	62, 103, 181
Decimal	4095157
CIE _{Lab}	50.42, -1.67, -36.00
CIE _{LCh}	50, 36.037, 267.340
Yxy	18.7756, 0.2120, 0.2270
Android (android.graphics.Color)	4282285237 (0xFF3E7CB5)
YUV	111.9600, 34.0367, -43.8149
Hunter-Lab	43.3309, -3.5952, -33.1797

Details

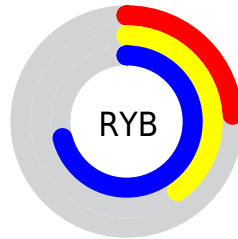
The Hex color **3E7CB5** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B5773E**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **79B0ED**, and **004C80** is the 20% darker color. If you saturate the color by 10%, you get **2C73B5**, and if you desaturate by 10%, it is **5085B5**.

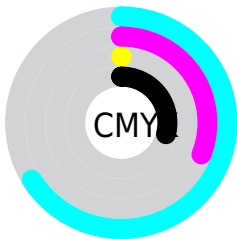
Distribution



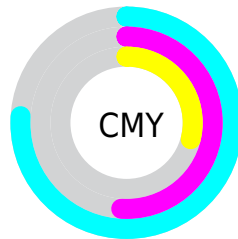
- Red (24%)
- Green (49%)
- Blue (71%)



- Red (24%)
- Yellow (40%)
- Blue (71%)



- Cyan (66%)
- Magenta (31%)
- Yellow (0%)
- Black (29%)



- Cyan (76%)
- Magenta (51%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E7CB5 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 3E7CB5 by changing the saturation by 10% instead.

■ 3E7CB5

■ 3E7CB5

FFFFFF

■ 19639A

■ 79B0ED

■ 004C80

■ 96CCFF

■ 003566

■ B2E8FF

■ 00204E

■ D0FFFF

■ 000837

■ EDFFFF

■ 000221

■ 000005

■ 000000

■ 3E7CB5

■ 3E7CB5

■ 2C73B5

■ 5085B5

■ 1A6BB5

■ 628DB5

■ 0862B5

■ 7496B5

■ 005EB5

■ 869FB5

■ 99A7B5

■ ABB0B5

■ BDB9B5

■ CFC1B5

■ E1CAB5

Harmonies

Analogous

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



0084AB



3E7CB5



7671AF

Triad

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



3E7CB5



B1615D



498556

Complementary

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



3E7CB5



B5773E

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.



6E7F40



3E7CB5



A56A45

Square

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



3E7CB5



AF5F7C



8D7539



018874

Rectangle

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



3E7CB5



9169A2



8D7539



56834D

Sweetspot

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



3E7CB5



BCD4EB



3EB576



596875



F5F5F5



757575

Same Dimension

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



3E7CB5



3192EB



3E42B5



505559



005099



000D1A

Inverse Universe

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



B53E7C



EB3192



B5B13E



595055



990050



1A000D

Previews

White Background



This preview shows how the Hex color 3E7CB5 looks on a white background.

Color Contrast Check

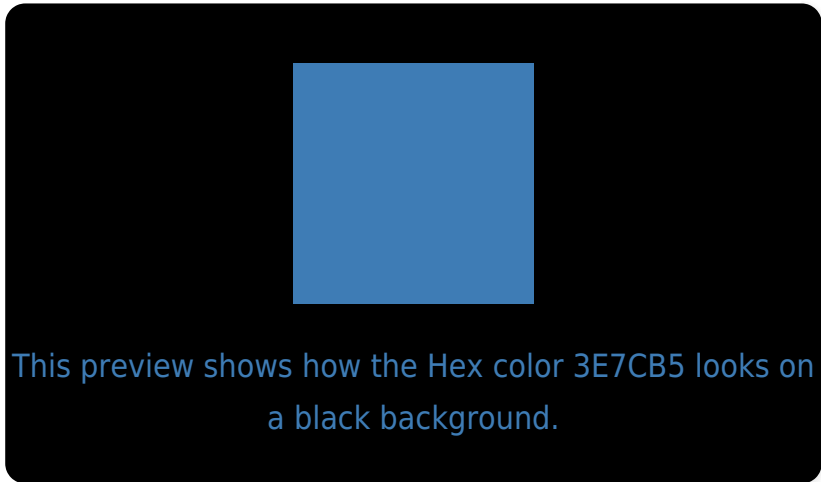
Large Text (above 18pt) WCAG AA ✓ Pass

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

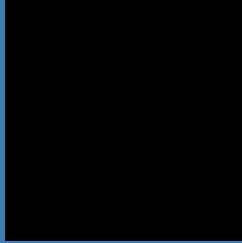
Any Text WCAG AA ✓ Pass

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 3E7CB5 Background



This preview shows how black text looks on a background with the Hex color 3E7CB5.

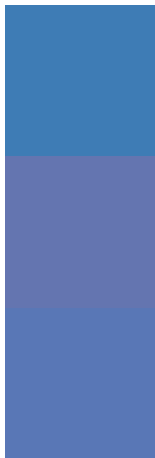


This preview shows how white text looks on a background with the Hex color 3E7CB5.

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



Original Color
3E7CB5

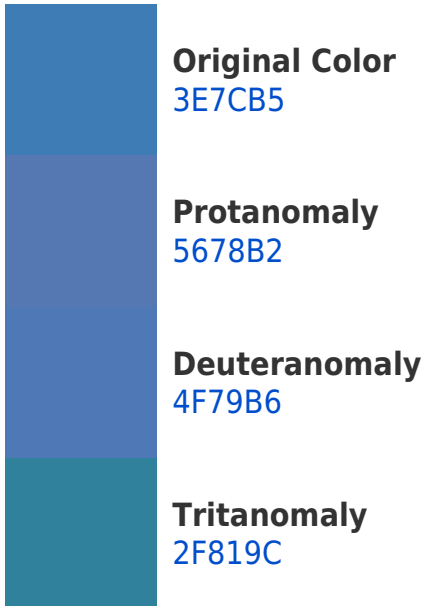
Protanopia
6475B0

Deuteranopia
5977B6

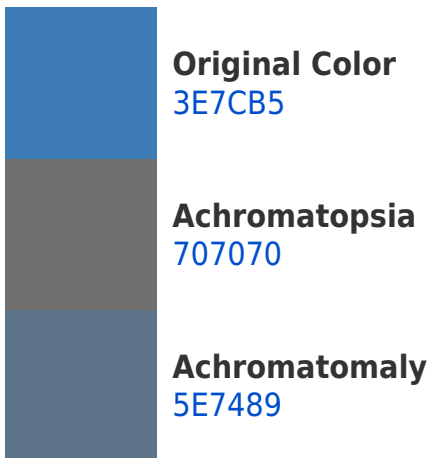


Tritanopia
27848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3E7CB5 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 #3E7CB5 looks like.

```
.text, #text, p{  
    color:#3E7CB5  
}
```

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 #3E7CB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E7CB5
}
```

Border

The CSS property to change the border of an element to Hex 3E7CB5 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
#3E7CB5 }
```

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

```
.border{ border-color:#3E7CB5 }
```

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

Here you see how a box with a 4 pixel #3E7CB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E7CB5; -webkit-box-shadow:4px 4px  
4px 4px #3E7CB5; box-shadow:4px 4px 4px  
4px #3E7CB5 }
```

Background

The CSS property to change the background color of an element to Hex 3E7CB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E7CB5 }
```

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

```
.background{ background-color:#3E7CB5 }
```

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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