

Converting Colors

Hex(3E7FAB)

Have a look what the booklet for
Hex(3E7FAB) contains.

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Color

Hex(3E7FAB)

Conversions

Conversions Part 1

Format	Color
Hex	3E7FAB
RGB	62, 127, 171
RGB Percent	24%, 50%, 67%
CMY	0.7569, 0.5020, 0.3294
CMYK	0.64, 0.26, 0.00, 0.33
HSL	204°, 47%, 46%
HSV	204°, 64%, 67%
XYZ	16.9267, 19.1432, 41.3309
YIQ	112.5810, -52.8640, -0.0960

Conversions

Conversions Part 2

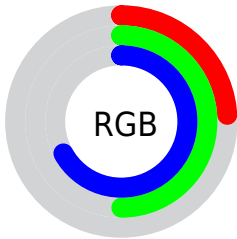
Format	Color
R _Y B	62, 103, 171
Decimal	4095915
CIE Lab	50.85, -6.86, -29.55
CIE LCh	51, 30.331, 256.933
Yxy	19.1432, 0.2187, 0.2473
Android (android.graphics.Color)	4282285995 (0xFF3E7FAB)
YUV	112.5810, 28.8006, -44.3595
Hunter-Lab	43.7529, -7.5113, -25.3810

Details

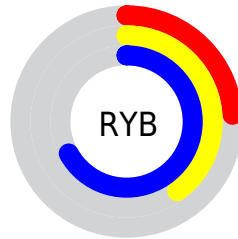
The Hex color **3E7FAB** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **AB6A3E**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **78B4E3**, and **004E77** is the 20% darker color. If you saturate the color by 10%, you get **2D78AB**, and if you desaturate by 10%, it is **4F86AB**.

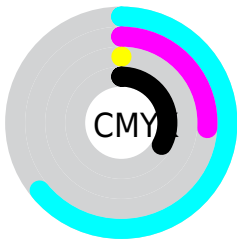
Distribution



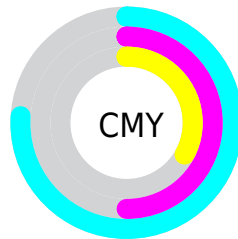
- Red (24%)
- Green (50%)
- Blue (67%)



- Red (24%)
- Yellow (40%)
- Blue (67%)



- Cyan (64%)
- Magenta (26%)
- Yellow (0%)
- Black (33%)



- Cyan (76%)
- Magenta (50%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E7FAB 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 3E7FAB by changing the saturation by 10% instead.

■ 3E7FAB

■ 3E7FAB

FFFFFF

■ 1B6690

■ 78B4E3

■ 004E77

■ 94CFFF

■ 00375E

■ B1EBFF

■ 002246

■ CDFFFF

■ 000A2F

■ EBFFFF

■ 00011A

■ 000000

■ 3E7FAB

■ 3E7FAB

■ 2D78AB

■ 4F86AB

■ 1C71AB

■ 608DAB

■ 0B6AAB

■ 7194AB

■ 0066AB

■ 829BAB

■ 93A2AB

■ A5A8AB

■ B6AFAB

■ C7B6AB

■ D8BDAB

Harmonies

Analogous

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



03859E



3E7FAB



6B77AA

Triad

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



3E7FAB



AC656B



5E8355

Complementary

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



3E7FAB



AB6A3E

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.



7B7C47



3E7FAB



A56B54

Square

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



3E7FAB



A46686



947447



3C866D

Rectangle

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



3E7FAB



8470A2



947447



68814F

Sweetspot

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



3E7FAB



B4CDDE



3EAB6A



566670



F0F0F0



707070

Same Dimension

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



3E7FAB



359ADE



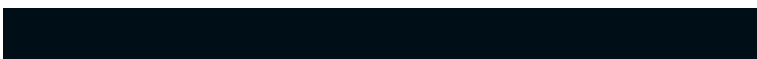
3E49AB



4E5357



005A96



000E17

Inverse Universe

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



AB3E7F



DE359A



ABA03E



574E53



96005A



17000E

Previews

White Background



This preview shows how the Hex color 3E7FAB looks on a white background.

Color Contrast Check

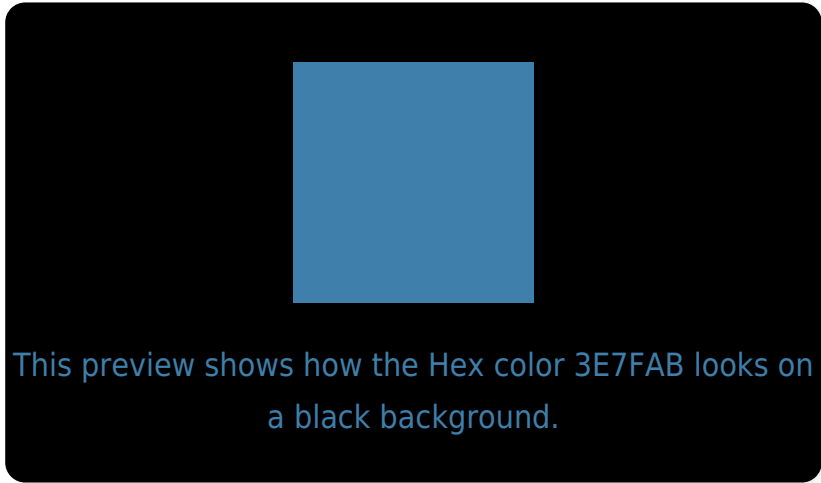
Large Text (above 18pt) WCAG AA ✓ Pass

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

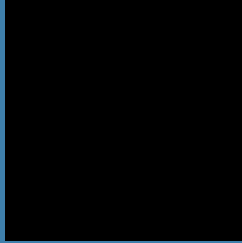
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

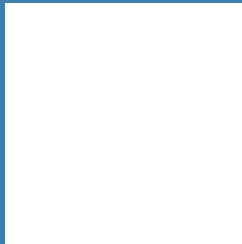
Any Text WCAG AAA × Fail

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

Hex 3E7FAB Background



This preview shows how black text looks on a background with the Hex color 3E7FAB.

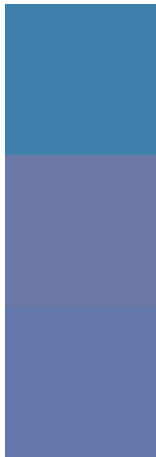


This preview shows how white text looks on a background with the Hex color 3E7FAB.

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
3E7FAB

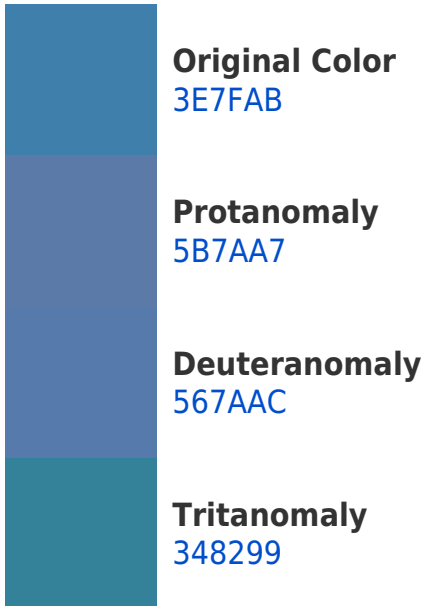
Protanopia
6B77A5

Deuteranopia
6477AD

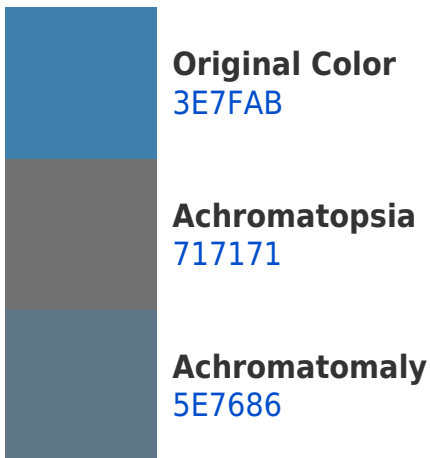


Tritanopia
2F848F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3E7FAB 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 #3E7FAB looks like.

```
.text, #text, p{  
    color:#3E7FAB  
}
```

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 #3E7FAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E7FAB
}
```

Border

The CSS property to change the border of an element to Hex 3E7FAB 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
#3E7FAB }
```

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

```
.border{ border-color:#3E7FAB }
```

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

Here you see how a box with a 4 pixel #3E7FAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E7FAB; -webkit-box-shadow:4px 4px  
4px 4px #3E7FAB; box-shadow:4px 4px 4px  
4px #3E7FAB }
```

Background

The CSS property to change the background color of an element to Hex 3E7FAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E7FAB }
```

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

```
.background{ background-color:#3E7FAB }
```

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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