

Converting Colors

Hex(3E5FAA)

Have a look what the booklet for
Hex(3E5FAA) contains.

Hex(3E5FAA)	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(3E5FAA)

Conversions

Conversions Part 1

Format	Color
Hex	3E5FAA
RGB	62, 95, 170
RGB Percent	24%, 37%, 67%
CMY	0.7569, 0.6275, 0.3333
CMYK	0.64, 0.44, 0.00, 0.33
HSL	222°, 47%, 45%
HSV	222°, 64%, 67%
XYZ	13.3345, 12.1108, 39.6650
YIQ	93.6830, -43.7430, 16.3290

Conversions

Conversions Part 2

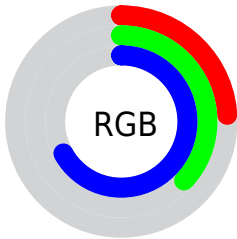
Format	Color
R_{YB}	62, 87, 170
Decimal	4087722
CIE _{Lab}	41.39, 12.43, -43.89
CIE _{LCh}	41, 45.613, 285.811
Yxy	12.1108, 0.2048, 0.1860
Android (android.graphics.Color)	4282277802 (0xFF3E5FAA)
YUV	93.6830, 37.6243, -27.7860
Hunter-Lab	34.8006, 7.4946, -43.2171

Details

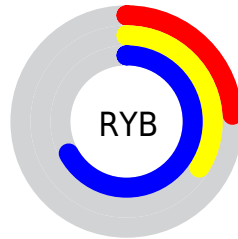
The Hex color **3E5FAA** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **AA893E**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7791E2**, and **003275** is the 20% darker color. If you saturate the color by 10%, you get **2D53AA**, and if you desaturate by 10%, it is **4F6BAA**.

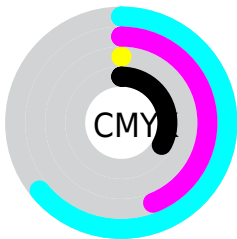
Distribution



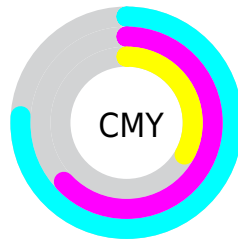
- Red (24%)
- Green (37%)
- Blue (67%)



- Red (24%)
- Yellow (34%)
- Blue (67%)



- Cyan (64%)
- Magenta (44%)
- Yellow (0%)
- Black (33%)



- Cyan (76%)
- Magenta (63%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E5FAA 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 3E5FAA by changing the saturation by 10% instead.

■ 3E5FAA

■ 3E5FAA

FFFFFF

■ 1C488F

■ 7791E2

■ 003275

■ 94ABFF

■ 001D5C

■ B0C7FF

■ 000344

■ CDE3FF

■ 00032D

■ EAFFFF

■ 000117

■ 000000

■ 3E5FAA

■ 3E5FAA

■ 2D53AA

■ 4F6BAA

■ 1C47AA

■ 6077AA

■ 0B3CAA

■ 7182AA

■ 0034AA

■ 828EAA

■ 939AAA

■ A4A6AA

■ B5B2AA

■ C6BDAA

■ D7C9AA

Harmonies

Analogous

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



006BAA



3E5FAA



7D4F96

Triad

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



3E5FAA



9C4A2D



00724E

Complementary

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



3E5FAA



AA893E

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.



366E2A



3E5FAA



835912

Square

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



3E5FAA



A53E4F



62660F



007375

Rectangle

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



3E5FAA



944481



62660F



007141

Sweetspot

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



3E5FAA



B4C1DE



3EAA88



565E70



F0F0F0



707070

Same Dimension

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



3E5FAA



3569DE



523EAA



4C4E54



002D94



000614

Inverse Universe

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



AA3E5F



DE3569



96AA3E



544C4E



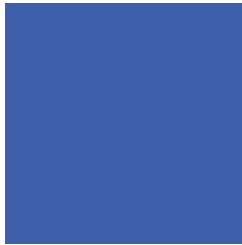
94002D



140006

Previews

White Background



This preview shows how the Hex color 3E5FAA looks on a white background.

Color Contrast Check

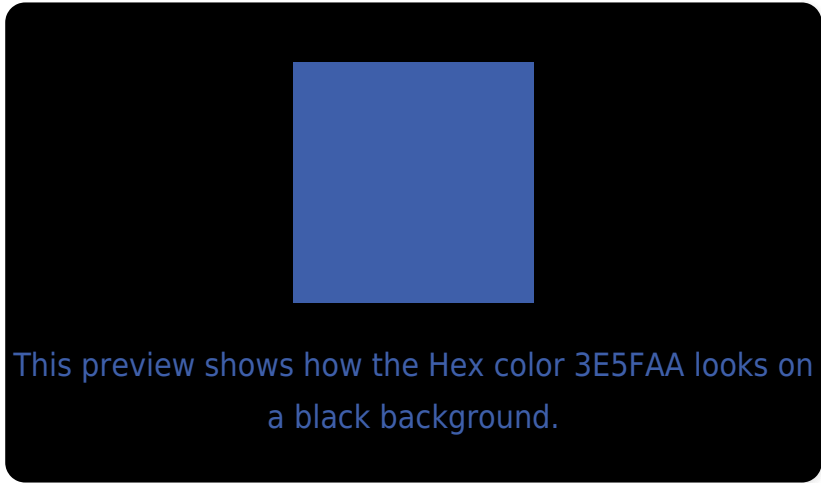
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

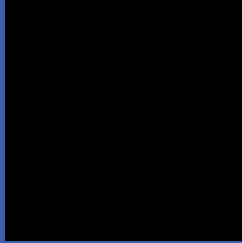
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 3E5FAA Background



This preview shows how black text looks on a background with the Hex color 3E5FAA.



This preview shows how white text looks on a background with the Hex color 3E5FAA.

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
3E5FAA

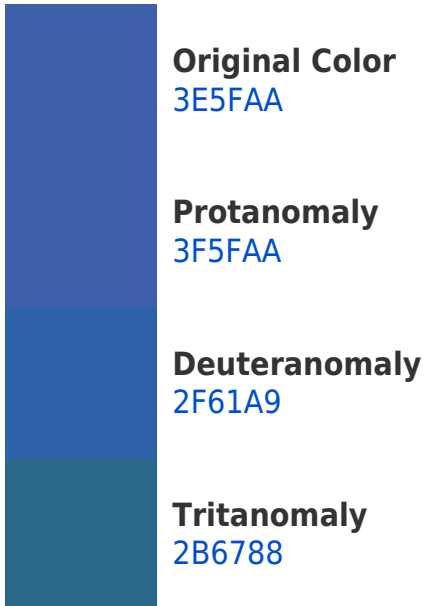
Protanopia
3F5FAA

Deuteranopia
2762A9

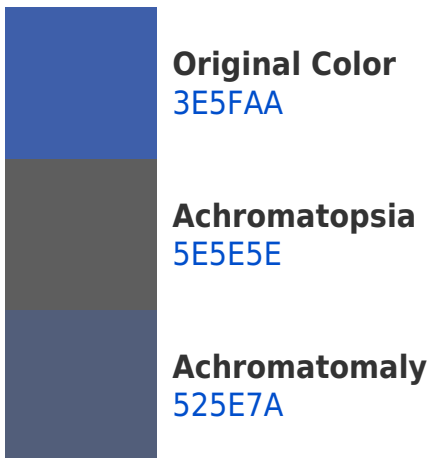


Tritanopia
206B74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3E5FAA 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 #3E5FAA looks like.

```
.text, #text, p{  
    color:#3E5FAA  
}
```

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 #3E5FAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E5FAA
}
```

Border

The CSS property to change the border of an element to Hex 3E5FAA 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
#3E5FAA }
```

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

```
.border{ border-color:#3E5FAA }
```

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

Here you see how a box with a 4 pixel #3E5FAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E5FAA; -webkit-box-shadow:4px 4px  
4px 4px #3E5FAA; box-shadow:4px 4px 4px  
4px #3E5FAA }
```

Background

The CSS property to change the background color of an element to Hex 3E5FAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E5FAA }
```

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

```
.background{ background-color:#3E5FAA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor