

Converting Colors

Hex(3E65CF)

Have a look what the booklet for
Hex(3E65CF) contains.

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Color

Hex(3E65CF)

Conversions

Conversions Part 1

Format	Color
Hex	3E65CF
RGB	62, 101, 207
RGB Percent	24%, 40%, 81%
CMY	0.7569, 0.6039, 0.1882
CMYK	0.70, 0.51, 0.00, 0.19
HSL	224°, 60%, 53%
HSV	224°, 70%, 81%
XYZ	17.9028, 14.8365, 60.9516
YIQ	101.4230, -57.2700, 24.6980

Conversions

Conversions Part 2

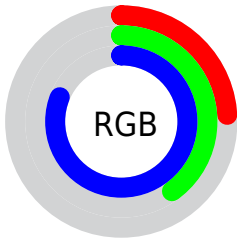
Format	Color
R _{YB}	62, 93, 207
Decimal	4089295
CIE Lab	45.41, 21.92, -58.95
CIE LCh	45, 62.895, 290.395
Yxy	14.8365, 0.1911, 0.1584
Android (android.graphics.Color)	4282279375 (0xFF3E65CF)
YUV	101.4230, 52.0495, -34.5740
Hunter-Lab	38.5182, 15.5578, -66.8585

Details

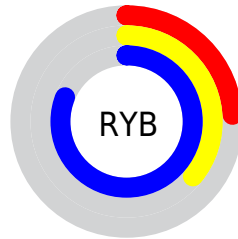
The Hex color **3E65CF** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **CFA83E**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **7E97FF**, and **003798** is the 20% darker color. If you saturate the color by 10%, you get **2956CF**, and if you desaturate by 10%, it is **5374CF**.

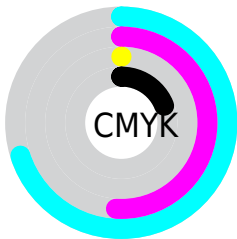
Distribution



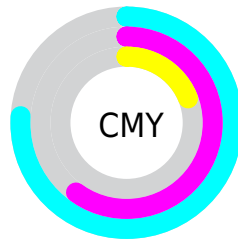
- Red (24%)
- Green (40%)
- Blue (81%)



- Red (24%)
- Yellow (36%)
- Blue (81%)



- Cyan (70%)
- Magenta (51%)
- Yellow (0%)
- Black (19%)



- Cyan (76%)
- Magenta (60%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E65CF 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 3E65CF by changing the saturation by 10% instead.

 3E65CF

 3E65CF

FFFFFF

 0C4DB3

 7E97FF

 003798

 9CB2FF

 00237D

 BACDFF

 001064

 D8E9FF

 00074B

 F6FFFF

 000433

 00021D

 000000

 3E65CF

 3E65CF

■ 2956CF

■ 5374CF

■ 1547CF

■ 6783CF

■ 0038CF

■ 7C92CF

■ 91A2CF

■ A6B1CF

■ BAC0CF

■ CFCFCF

■ E4DECF

■ F8EDCF

Harmonies

Analogous

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



0077D4



3E65CF



994BAF

Triad

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



3E65CF



B44B18



008258

Complementary

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



3E65CF



CFA83E

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.



067D21



3E65CF



906300

Square

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



3E65CF



C6324A



607400



00838F

Rectangle

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



3E65CF



B63890



607400



008146

Sweetspot

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



3E65CF



C9D8FF



3ECFA6



606880



000000



808080

Same Dimension

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



3E65CF



2962FF



5D3ECF



5E6169



002DA8



000B29

Inverse Universe

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



CF3E65



FF2962



B0CF3E



695E61



A8002D



29000B

Previews

White Background



This preview shows how the Hex color 3E65CF looks on a white background.

Color Contrast Check

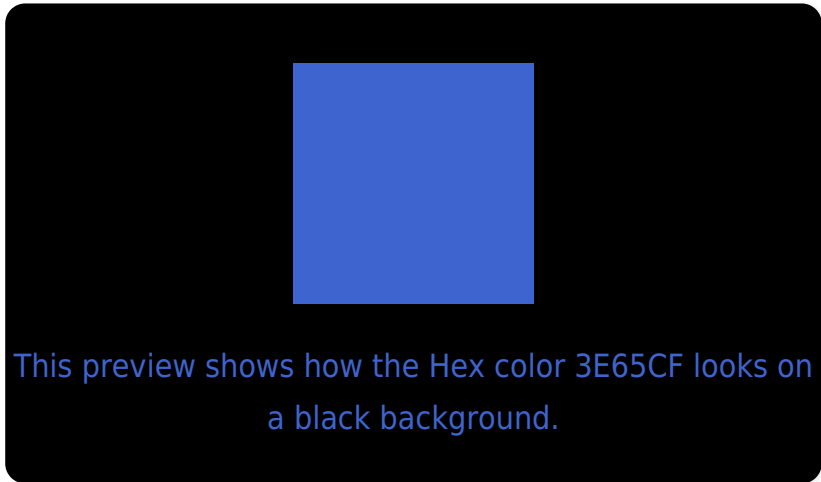
Large Text (above 18pt) WCAG AA ✓ Pass

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

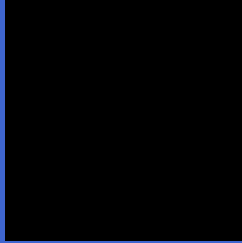
Any Text WCAG AA × Fail

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 3E65CF Background



This preview shows how black text looks on a background with the Hex color 3E65CF.



This preview shows how white text looks on a background with the Hex color 3E65CF.

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](#).

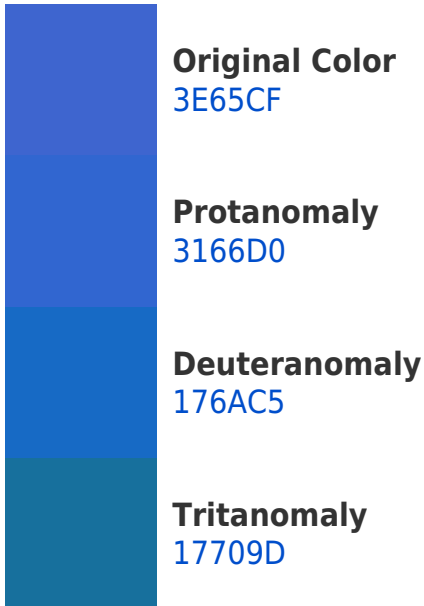
Dichromacy





Tritanopia
007780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3E65CF 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 #3E65CF looks like.

```
.text, #text, p{  
    color:#3E65CF  
}
```

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 #3E65CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E65CF
}
```

Border

The CSS property to change the border of an element to Hex 3E65CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

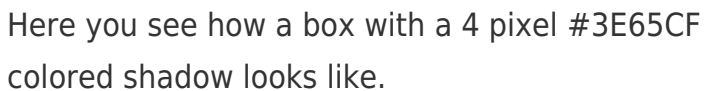
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E65CF }
```

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

```
.border{ border-color:#3E65CF }
```

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



Here you see how a box with a 4 pixel #3E65CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E65CF; -webkit-box-shadow:4px 4px  
4px 4px #3E65CF; box-shadow:4px 4px 4px  
4px #3E65CF }
```

Background

The CSS property to change the background color of an element to Hex 3E65CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E65CF }
```

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

```
.background{ background-color:#3E65CF }
```

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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