

Converting Colors

Hex(3E4FE2)

Have a look what the booklet for
Hex(3E4FE2) contains.

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Color

Hex(3E4FE2)

Conversions

Conversions Part 1

Format	Color
Hex	3E4FE2
RGB	62, 79, 226
RGB Percent	24%, 31%, 89%
CMY	0.7569, 0.6902, 0.1137
CMYK	0.73, 0.65, 0.00, 0.11
HSL	234°, 74%, 56%
HSV	234°, 73%, 89%
XYZ	18.5101, 12.1071, 73.3128
YIQ	90.6750, -57.3190, 42.1130

Conversions

Conversions Part 2

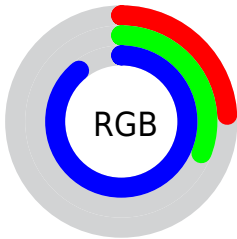
Format	Color
R _{YB}	62, 77, 226
Decimal	4083682
CIE Lab	41.39, 42.47, -76.35
CIE LCh	41, 87.369, 299.082
Yxy	12.1071, 0.1781, 0.1165
Android (android.graphics.Color)	4282273762 (0xFF3E4FE2)
YUV	90.6750, 66.7152, -25.1480
Hunter-Lab	34.7952, 34.0652, -100.5661

Details

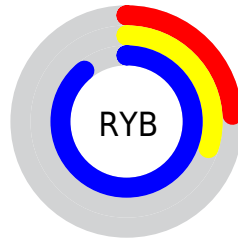
The Hex color **3E4FE2** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **E2D13E**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **8380FF**, and **0022A9** is the 20% darker color. If you saturate the color by 10%, you get **273BE2**, and if you desaturate by 10%, it is **5563E2**.

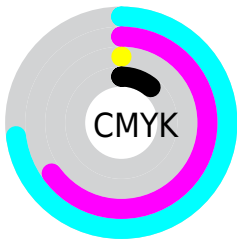
Distribution



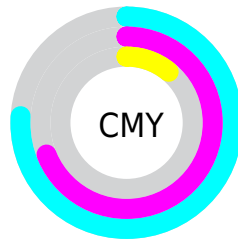
- Red (24%)
- Green (31%)
- Blue (89%)



- Red (24%)
- Yellow (30%)
- Blue (89%)



- Cyan (73%)
- Magenta (65%)
- Yellow (0%)
- Black (11%)



- Cyan (76%)
- Magenta (69%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E4FE2 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 3E4FE2 by changing the saturation by 10% instead.

■ 3E4FE2

■ 3E4FE2

FFFFFF

■ 0038C5

■ 8380FF

■ 0022A9

■ A29BFF

■ 000F8E

■ C1B5FF

■ 000074

■ E0D1FF

■ 00095A

■ FFEDFF

■ 000741

■ 00032A

■ 000114

■ 000000

 3E4FE2

 3E4FE2

 273BE2

 5563E2

 1126E2

 6B78E2

 0017E2

 828CE2

 98A0E2

 AFB4E2

 C6C9E2

 DCDDE2

 F3F1E2

 FFFFE2

Harmonies

Analogous

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



006DF5



3E4FE2



B100AD

Triad

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



3E4FE2



AF3B00



007C5D

Complementary

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



3E4FE2



E2D13E

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.



007901



3E4FE2



7A5F00

Square

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



3E4FE2



D10021



2D7100



007DA7

Rectangle

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



3E4FE2



CE007F



2D7100



007B44

Sweetspot

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



3E4FE2



C7CDFF



3EE2CF



5E6280



000000



808080

Same Dimension

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



3E4FE2



2138FF



7D3EE2



656670



0012B0



000530

Inverse Universe

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



E23E4F



FF2138



A3E23E



706566



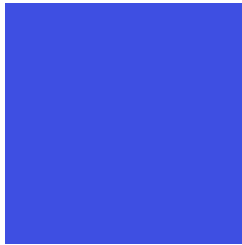
B00012



300005

Previews

White Background



This preview shows how the Hex color 3E4FE2 looks on a white background.

Color Contrast Check

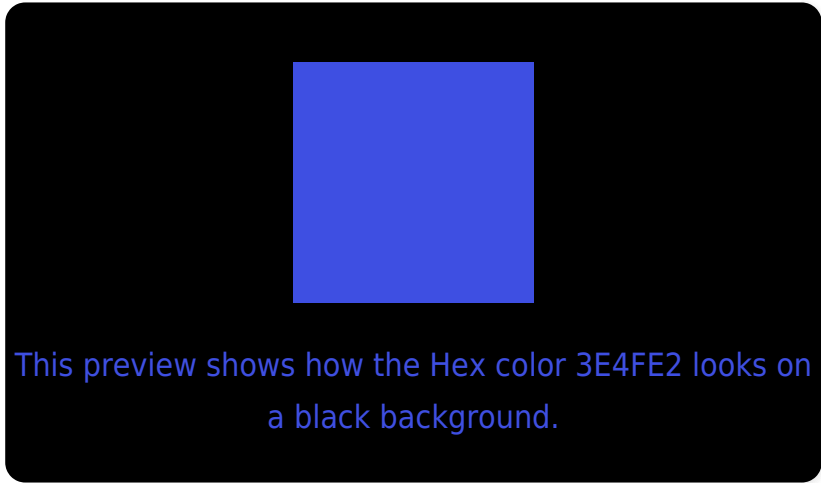
Large Text (above 18pt) WCAG AA ✓ Pass

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

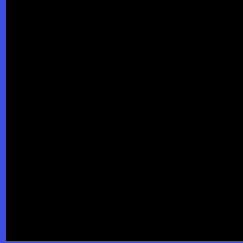
Any Text WCAG AA × Fail

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 3E4FE2 Background



This preview shows how black text looks on a background with the Hex color 3E4FE2.

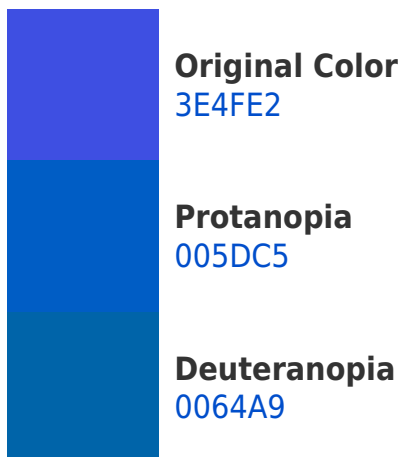


This preview shows how white text looks on a background with the Hex color 3E4FE2.

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](#).

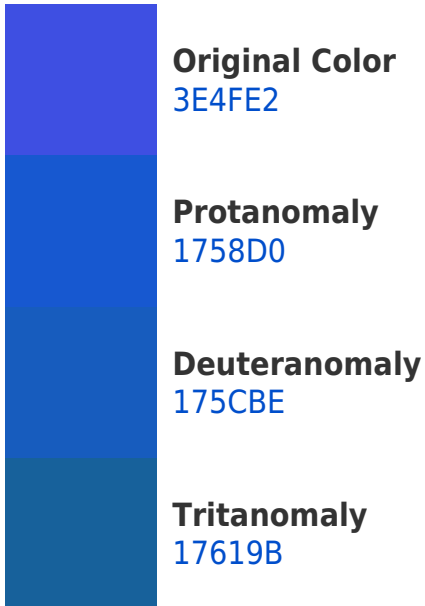
Dichromacy





Tritanopia
006C73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3E4FE2 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 #3E4FE2 looks like.

```
.text, #text, p{  
    color:#3E4FE2  
}
```

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 #3E4FE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E4FE2
}
```

Border

The CSS property to change the border of an element to Hex 3E4FE2 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
#3E4FE2 }
```

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

```
.border{ border-color:#3E4FE2 }
```

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

Here you see how a box with a 4 pixel #3E4FE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E4FE2; -webkit-box-shadow:4px 4px  
4px 4px #3E4FE2; box-shadow:4px 4px 4px  
4px #3E4FE2 }
```

Background

The CSS property to change the background color of an element to Hex 3E4FE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E4FE2 }
```

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

```
.background{ background-color:#3E4FE2 }
```

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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