

# Converting Colors

Hex(3E4BD1)

Have a look what the booklet for  
Hex(3E4BD1) contains.

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# Color

**Hex(3E4BD1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E4BD1
RGB	62, 75, 209
RGB Percent	24%, 29%, 82%
CMY	0.7569, 0.7059, 0.1804
CMYK	0.70, 0.64, 0.00, 0.18
HSL	235°, 62%, 53%
HSV	235°, 70%, 82%
XYZ	16.0113, 10.6597, 61.5352
YIQ	86.3890, -50.7620, 38.9180

# Conversions

## Conversions Part 2

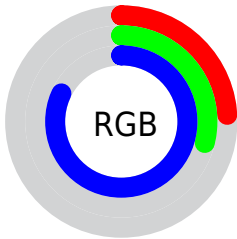
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	62, 74, 209
Decimal	4082641
CIE Lab	39.00, 39.07, -70.53
CIE LCh	39, 80.623, 298.984
Yxy	10.6597, 0.1815, 0.1209
Android (android.graphics.Color)	4282272721 (0xFF3E4BD1)
YUV	86.3890, 60.4472, -21.3892
Hunter-Lab	32.6493, 30.4008, -88.8916

# Details

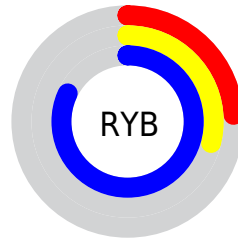
The Hex color **3E4BD1** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **D1C43E**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **807CFF**, and **001F99** is the 20% darker color. If you saturate the color by 10%, you get **2938D1**, and if you desaturate by 10%, it is **535ED1**.

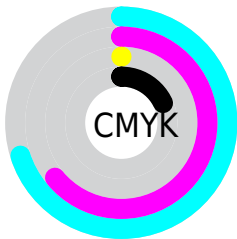
# Distribution



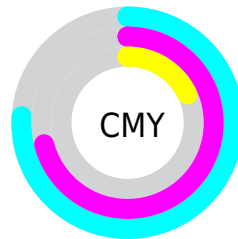
- Red (24%)
- Green (29%)
- Blue (82%)



- Red (24%)
- Yellow (29%)
- Blue (82%)



- Cyan (70%)
- Magenta (64%)
- Yellow (0%)
- Black (18%)



- Cyan (76%)
- Magenta (71%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E4BD1 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 3E4BD1 by changing the saturation by 10% instead.



 3E4BD1

 3E4BD1

FFFFFF

 0534B5

 807CFF

 001F99

 9E96FF

 000C7E

 BDB1FF

 000065

 DBCCFF

 00094C

 FAE8FF

 000434

 00021E

 000000

 3E4BD1

 3E4BD1

■ 2938D1

■ 535ED1

■ 1425D1

■ 6871D1

■ 0012D1

■ 7D84D1

■ 9297D1

■ A7AAD1

■ BBBDD1

■ D0D0D1

■ E5E3D1

■ FAF6D1

# Harmonies

## Analogous

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



0066E2



3E4BD1



A409A1

# Triad

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



3E4BD1



A43900



007558

# Complementary

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



3E4BD1



D1C43E

# 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.



007107



3E4BD1



735900

# Square

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



3E4BD1



C20021



2E6A00



00759B

# Rectangle

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



3E4BD1



C00077



2E6A00



007440



# Sweetspot

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



3E4BD1



C9CEFF



3ED1C2



606280



000000



808080



# Same Dimension

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



3E4BD1



293CFF



793ED1



5E5F69



000FA8



000429



# Inverse Universe

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



D13E4B



FF293C



96D13E



695E5F



A8000F

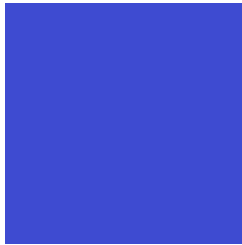


290004



# Previews

## White Background



This preview shows how the Hex color 3E4BD1 looks on a white background.

## Color Contrast Check

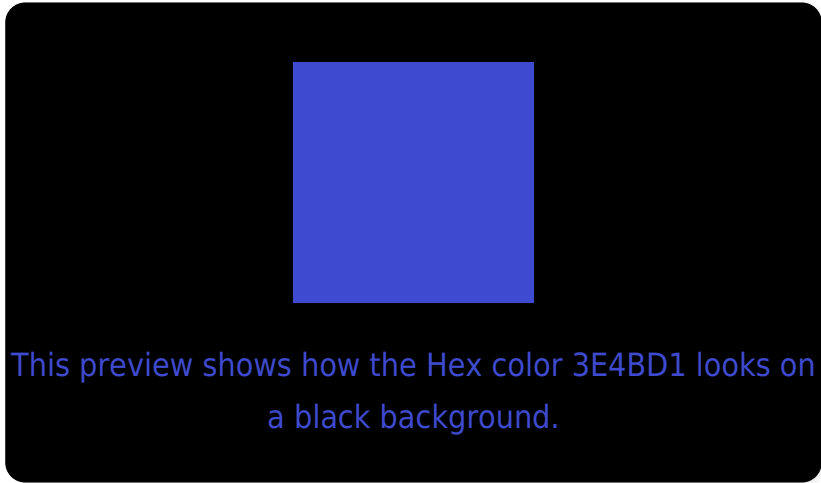
Large Text (above 18pt) WCAG AA ✓ Pass

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

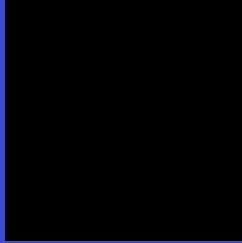
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E4BD1 Background



This preview shows how black text looks on a background with the Hex color 3E4BD1.

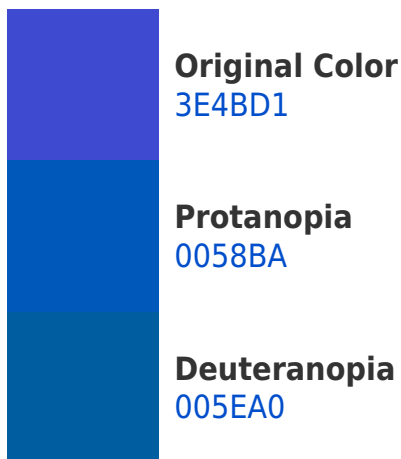


This preview shows how white text looks on a background with the Hex color 3E4BD1.

# 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](#).

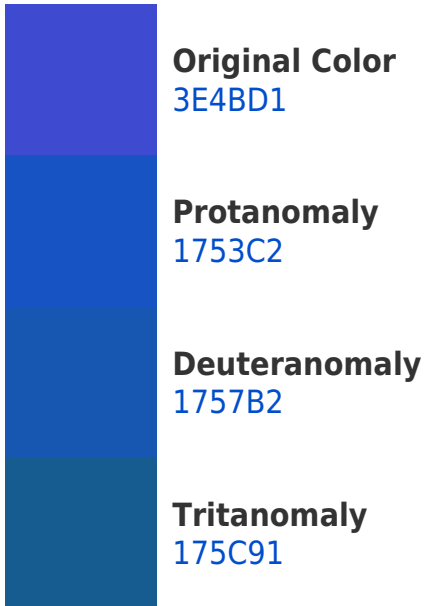
## Dichromacy





**Tritanopia**  
00656C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E4BD1 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 #3E4BD1 looks like.

```
.text, #text, p{  
    color:#3E4BD1  
}
```

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 #3E4BD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E4BD1
}
```

## Border

The CSS property to change the border of an element to Hex 3E4BD1 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
#3E4BD1 }
```

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

```
.border{ border-color:#3E4BD1 }
```

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

Here you see how a box with a 4 pixel #3E4BD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E4BD1; -webkit-box-shadow:4px 4px  
4px 4px #3E4BD1; box-shadow:4px 4px 4px  
4px #3E4BD1 }
```

# Background

The CSS property to change the background color of an element to Hex 3E4BD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E4BD1 }
```

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

```
.background{ background-color:#3E4BD1 }
```

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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