

# Converting Colors

Hex(3E37E6)

Have a look what the booklet for  
Hex(3E37E6) contains.

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# Color

Hex(3E37E6)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E37E6
RGB	62, 55, 230
RGB Percent	24%, 22%, 90%
CMY	0.7569, 0.7843, 0.0980
CMYK	0.73, 0.76, 0.00, 0.10
HSL	242°, 78%, 56%
HSV	242°, 76%, 90%
XYZ	17.6357, 9.4697, 75.7612
YIQ	77.0430, -52.0030, 55.9090

# Conversions

## Conversions Part 2

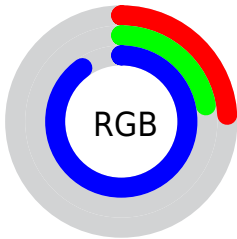
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	62, 55, 230
Decimal	4077542
CIE Lab	36.87, 57.28, -86.06
CIE LCh	37, 103.383, 303.645
Yxy	9.4697, 0.1714, 0.0921
Android (android.graphics.Color)	4282267622 (0xFF3E37E6)
YUV	77.0430, 75.4078, -13.1927
Hunter-Lab	30.7728, 48.4447, -124.4281

# Details

The Hex color **3E37E6** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **DFE637**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **8669FF**, and **0004AD** is the 20% darker color. If you saturate the color by 10%, you get **2820E6**, and if you desaturate by 10%, it is **544EE6**.

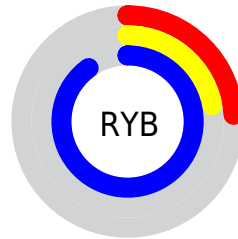
# Distribution



Red (24%)

Green (22%)

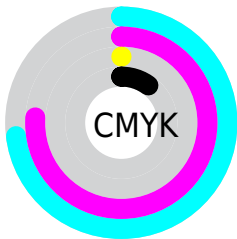
Blue (90%)



Red (24%)

Yellow (22%)

Blue (90%)

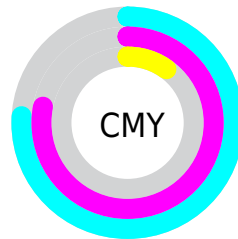


Cyan (73%)

Magenta (76%)

Yellow (0%)

Black (10%)



Cyan (76%)

Magenta (78%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E37E6 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 3E37E6 by changing the saturation by 10% instead.



 3E37E6

 3E37E6

FFFFFF

 001EC9

 8669FF

 0004AD

 A683FF

 000091


 C59EFF

 000077

 E5B9FF


 000D5D

 FFD5FF

 000744

 FFF2FF

 00032D

 000117

 000000

■ 3E37E6

■ 3E37E6

■ 2820E6

■ 544EE6

■ 1209E6

■ 6A65E6

■ 0900E6

■ 807CE6

■ 9693E6

■ ACAAE6

■ C2C1E6

■ D9D8E6

■ EFEFE6

■ FFFFE6

# Harmonies

## Analogous

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



0063FF



3E37E6



BA00A3

# Triad

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



3E37E6



A22D00



007260

# Complementary

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



3E37E6



DFE637

# 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.



006F00



3E37E6



625800

# Square

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



3E37E6



CE0000



006900



0074B3

# Rectangle

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



3E37E6



D6006C



006900



007142



# Sweetspot

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



3E37E6



C7C4FF



37E0E6



5D5C80



000000



808080



# Same Dimension

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



3E37E6



2017FF



9437E6



686773



0700B3



020033



# Inverse Universe

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



E637DF



FF17F6



89E637



736772



B300AB

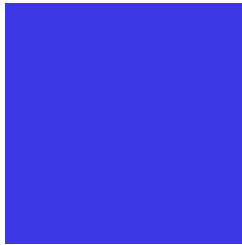


330031



# Previews

## White Background



This preview shows how the Hex color 3E37E6 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

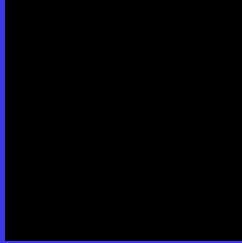
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E37E6 Background



This preview shows how black text looks on a background with the Hex color 3E37E6.

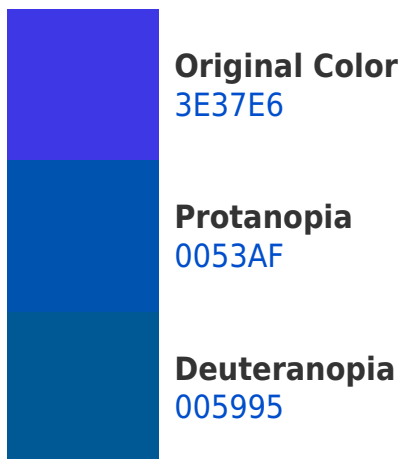


This preview shows how white text looks on a background with the Hex color 3E37E6.

# Color Blindness Simulation

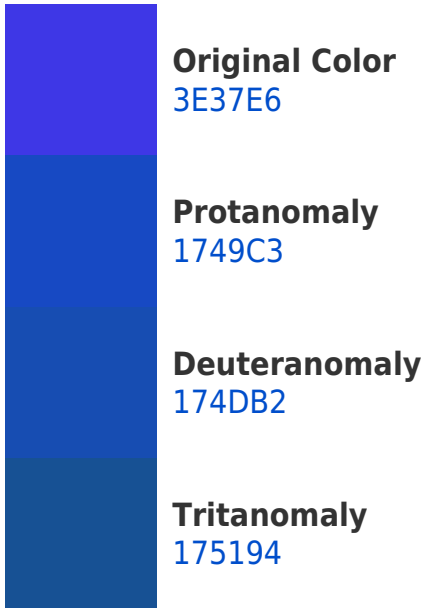
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E37E6 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 #3E37E6 looks like.

```
.text, #text, p{  
    color:#3E37E6  
}
```

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 #3E37E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E37E6
}
```

## Border

The CSS property to change the border of an element to Hex 3E37E6 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
#3E37E6 }
```

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

```
.border{ border-color:#3E37E6 }
```

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

Here you see how a box with a 4 pixel #3E37E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E37E6; -webkit-box-shadow:4px 4px  
4px 4px #3E37E6; box-shadow:4px 4px 4px  
4px #3E37E6 }
```

# Background

The CSS property to change the background color of an element to Hex 3E37E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E37E6 }
```

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

```
.background{ background-color:#3E37E6 }
```

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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