

# Converting Colors

Hex(3E1595)

Have a look what the booklet for  
Hex(3E1595) contains.

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# Color

**Hex(3E1595)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E1595
RGB	62, 21, 149
RGB Percent	24%, 8%, 58%
CMY	0.7569, 0.9176, 0.4157
CMYK	0.58, 0.86, 0.00, 0.42
HSL	259°, 75%, 33%
HSV	259°, 86%, 58%
XYZ	7.6796, 3.7304, 28.7490
YIQ	47.8510, -16.6520, 48.5000

# Conversions

## Conversions Part 2

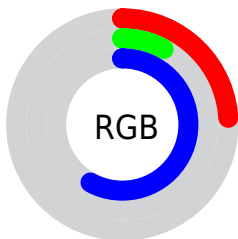
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 21, 149
Decimal	4068757
CIELab	22.76, 49.09, -61.48
CIELCh	23, 78.676, 308.607
Yxy	3.7304, 0.1912, 0.0929
Android (android.graphics.Color)	4282258837 (0xFF3E1595)
YUV	47.8510, 49.8665, 12.4087
Hunter-Lab	19.3142, 37.1741, -74.7327

# Details

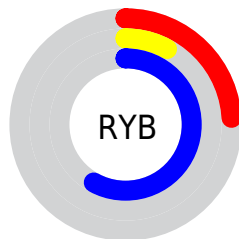
The Hex color **3E1595** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **6C9515**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **7848CC**, and **000061** is the 20% darker color. If you saturate the color by 10%, you get **340695**, and if you desaturate by 10%, it is **482495**.

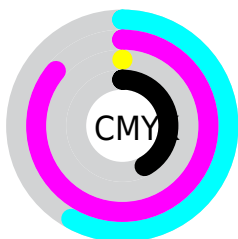
# Distribution



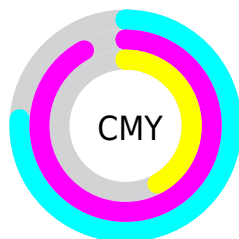
- Red (24%)
- Green (8%)
- Blue (58%)



- Red (24%)
- Yellow (8%)
- Blue (58%)



- Cyan (58%)
- Magenta (86%)
- Yellow (0%)
- Black (42%)



- Cyan (76%)
- Magenta (92%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E1595 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 3E1595 by changing the saturation by 10% instead.



 3E1595

 3E1595

FFFFFF

 1C007A

 7848CC

 000061

 9561E9

 000048

 B27BFF

 000430

 CF96FF

 00011B

 EDB1FF

 000000

 FFCDFD

 FFEAFF

 3E1595

 3E1595

■ 340695

■ 482495

■ 300095

■ 523395

■ 5C4295

■ 675195

■ 715F95

■ 7B6E95

■ 857D95

■ 8F8C95

■ 999B95

# Harmonies

## Analogous

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



003CAF



3E1595



830063

# Triad

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



3E1595



642000



004A47

# Complementary

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



3E1595



6C9515

# 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.



004802



3E1595



343A00

# Square

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



3E1595



860000



004400



004B80

# Rectangle

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



3E1595



92003C



004400



004932



# Sweetspot

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



3E1595



A08FC2



156C95



4C4361



E0E0E0



616161



# Same Dimension

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



3E1595



3E00C2



7E1595



45434A



2C008A



03000A



# Inverse Universe

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



95156C



C20084



2C9515



4A4348



8A005E

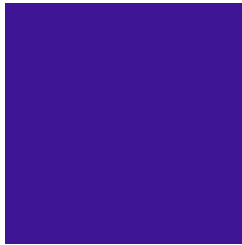


0A0007



# Previews

## White Background



This preview shows how the Hex color 3E1595 looks on a white background.

## Color Contrast Check

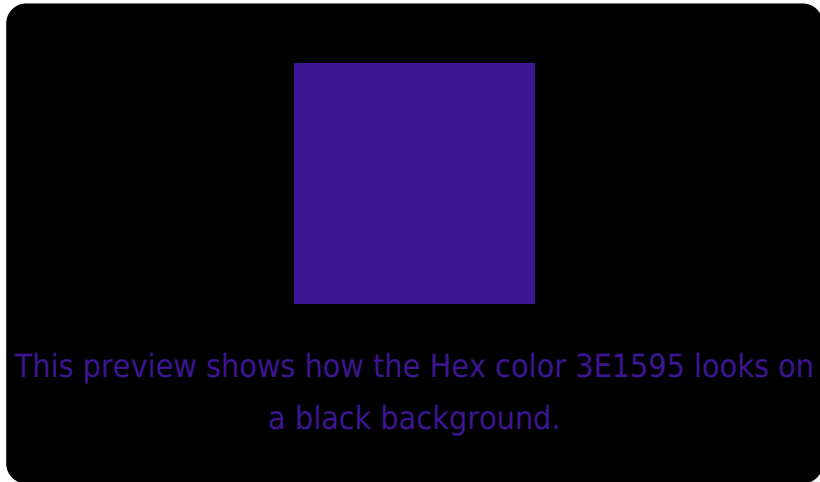
Large Text (above 18pt) WCAG AA ✓ Pass

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

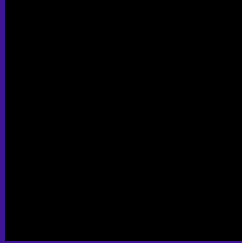
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E1595 Background



This preview shows how black text looks on a background with the Hex color 3E1595.



This preview shows how white text looks on a background with the Hex color 3E1595.

# 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**  
3E1595

**Protanopia**  
003671

**Deuteranopia**  
003960



**Tritanopia**  
1B3C41

# Trichromacy



**Original Color**  
3E1595

**Protanomaly**  
172A7E

**Deuteranomaly**  
172C73

**Tritanomaly**  
282E60

# Monochromacy



**Original Color**  
3E1595

**Achromatopsia**  
303030

**Achromatomaly**  
352655

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E1595 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 #3E1595 looks like.

```
.text, #text, p{  
    color:#3E1595  
}
```

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 #3E1595 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E1595
}
```

## Border

The CSS property to change the border of an element to Hex 3E1595 is called "border". The border property can be set on classes, ids or directly on the HTML element.

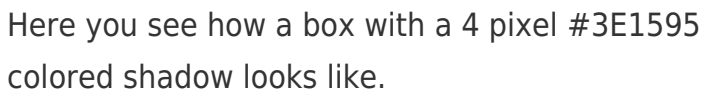
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E1595 }
```

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

```
.border{ border-color:#3E1595 }
```

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



Here you see how a box with a 4 pixel #3E1595 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E1595; -webkit-box-shadow:4px 4px  
4px 4px #3E1595; box-shadow:4px 4px 4px  
4px #3E1595 }
```

# Background

The CSS property to change the background color of an element to Hex 3E1595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E1595 }
```

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

```
.background{ background-color:#3E1595 }
```

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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