

# Converting Colors

Hex(3F1795)

Have a look what the booklet for  
Hex(3F1795) contains.

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# Color

**Hex(3F1795)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3F1795
RGB	63, 23, 149
RGB Percent	25%, 9%, 58%
CMY	0.7529, 0.9098, 0.4157
CMYK	0.58, 0.85, 0.00, 0.42
HSL	259°, 73%, 34%
HSV	259°, 85%, 58%
XYZ	7.7811, 3.8395, 28.7648
YIQ	49.3240, -16.6060, 47.6660

# Conversions

## Conversions Part 2

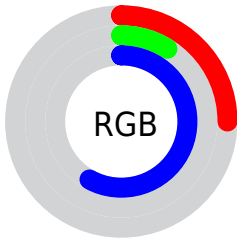
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 23, 149
Decimal	4134805
CIELab	23.13, 48.43, -60.86
CIELCh	23, 77.775, 308.510
Yxy	3.8395, 0.1927, 0.0951
Android (android.graphics.Color)	4282324885 (0xFF3F1795)
YUV	49.3240, 49.1403, 11.9939
Hunter-Lab	19.5946, 36.5927, -73.3212

# Details

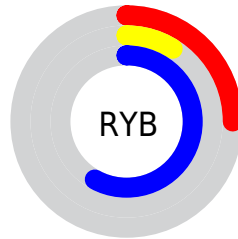
The Hex color **3F1795** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **6D9517**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **7949CC**, and **000061** is the 20% darker color. If you saturate the color by 10%, you get **350895**, and if you desaturate by 10%, it is **492695**.

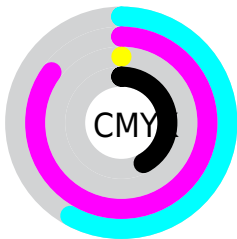
# Distribution



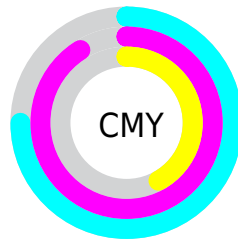
- Red (25%)
- Green (9%)
- Blue (58%)



- Red (25%)
- Yellow (9%)
- Blue (58%)



- Cyan (58%)
- Magenta (85%)
- Yellow (0%)
- Black (42%)



- Cyan (75%)
- Magenta (91%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F1795 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 3F1795 by changing the saturation by 10% instead.



■ 3F1795

■ 3F1795

FFFFFF

■ 1D007A

■ 7949CC

■ 000061

■ 9663E9

■ 000048

■ B27DFF

■ 000430

■ D097FF

■ 00011B

■ EDB2FF

■ 000000

■ FFCEFF

■ FFEBFF

■ 3F1795

■ 3F1795

■ 350895

■ 492695

■ 2F0095

■ 533595

■ 5E4495

■ 685395

■ 726295

■ 7C7095

■ 867F95

■ 908E95

■ 9B9D95

# Harmonies

## Analogous

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



003DAF



3F1795



830063

# Triad

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



3F1795



652100



004A47

# Complementary

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



3F1795



6D9517

# 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.



004903



3F1795



363B00

# Square

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



3F1795



860000



004500



004C80

# Rectangle

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



3F1795



92003D



004500



004A33



# Sweetspot

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



3F1795



A191C2



176D95



4D4461



E0E0E0



616161



# Same Dimension

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



3F1795



3E00C2



7E1795



45434A



2C008A



03000A



# Inverse Universe

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



95176D



C20084



2E9517



4A4348



8A005E

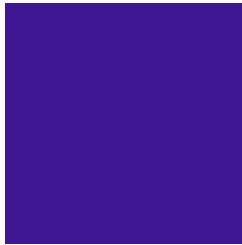


0A0007



# Previews

## White Background



This preview shows how the Hex color 3F1795 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

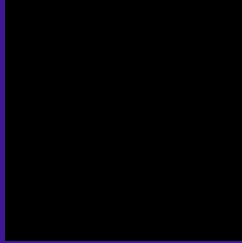
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F1795 Background



This preview shows how black text looks on a background with the Hex color 3F1795.



This preview shows how white text looks on a background with the Hex color 3F1795.

# 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**  
3F1795

**Protanopia**  
003672

**Deuteranopia**  
003A61



**Tritanopia**  
1D3D42

# Trichromacy



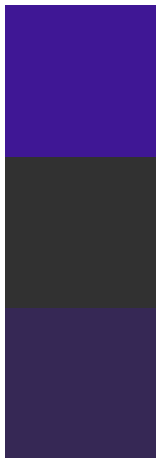
**Original Color**  
3F1795

**Protanomaly**  
172B7F

**Deuteranomaly**  
172D74

**Tritanomaly**  
292F60

# Monochromacy



**Original Color**  
3F1795

**Achromatopsia**  
313131

**Achromatomaly**  
362855

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F1795 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 #3F1795 looks like.

```
.text, #text, p{  
  color:#3F1795  
}
```

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 #3F1795 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F1795  
}
```

## Border

The CSS property to change the border of an element to Hex 3F1795 is called "border". The border property can be set on classes, ids or directly on the HTML element.

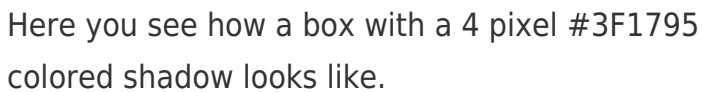
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#3F1795 }
```

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

```
.border{ border-color:#3F1795 }
```

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



Here you see how a box with a 4 pixel #3F1795 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F1795; -webkit-box-shadow:4px 4px  
4px 4px #3F1795; box-shadow:4px 4px 4px  
4px #3F1795 }
```

# Background

The CSS property to change the background color of an element to Hex 3F1795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F1795 }
```

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

```
.background{ background-color:#3F1795 }
```

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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