

Converting Colors

Hex(3F3095)

Have a look what the booklet for
Hex(3F3095) contains.

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Color

Hex(3F3095)

Conversions

Conversions Part 1

Format	Color
Hex	3F3095
RGB	63, 48, 149
RGB Percent	25%, 19%, 58%
CMY	0.7529, 0.8118, 0.4157
CMYK	0.58, 0.68, 0.00, 0.42
HSL	249°, 51%, 39%
HSV	249°, 68%, 58%
XYZ	8.5317, 5.3406, 29.0149
YIQ	63.9990, -23.4810, 34.5910

Conversions

Conversions Part 2

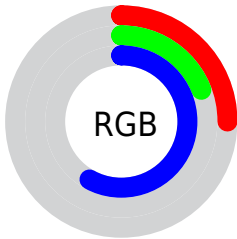
Format	Color
RYB	63, 48, 149
Decimal	4141205
CIELab	27.68, 35.58, -53.38
CIELCh	28, 64.155, 303.683
Yxy	5.3406, 0.1989, 0.1245
Android (android.graphics.Color)	4282331285 (0xFF3F3095)
YUV	63.9990, 41.9055, -0.8761
Hunter-Lab	23.1097, 25.4568, -58.2635

Details

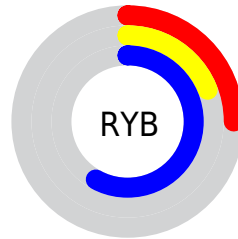
The Hex color **3F3095** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **869530**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **775FCC**, and **000561** is the 20% darker color. If you saturate the color by 10%, you get **322195**, and if you desaturate by 10%, it is **4C3F95**.

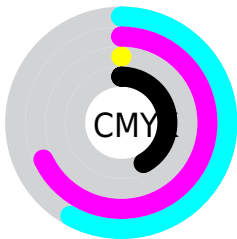
Distribution



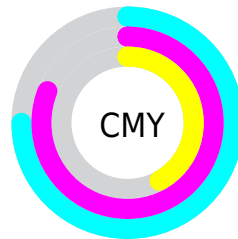
- Red (25%)
- Green (19%)
- Blue (58%)



- Red (25%)
- Yellow (19%)
- Blue (58%)



- Cyan (58%)
- Magenta (68%)
- Yellow (0%)
- Black (42%)



- Cyan (75%)
- Magenta (81%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F3095 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 3F3095 by changing the saturation by 10% instead.

■ 3F3095

■ 3F3095

FFFFFF

■ 1F1A7B

■ 775FCC

■ 000561

■ 9378E9

■ 000049

■ B092FF

■ 000431

■ CCADFF

■ 00011B

■ EAC9FF

■ 000000

■ FFE5FF

■ 3F3095

■ 3F3095

■ 322195

■ 4C3F95

■ 261295

■ 584E95

■ 190395

■ 655D95

■ 160095

■ 726C95

■ 7E7B95

■ 8B8995

■ 989895

■ A4A795

■ B1B695

Harmonies

Analogous

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



0047A6



3F3095



7E006E

Triad

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



3F3095



722C00



005446

Complementary

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



3F3095



869530

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.



00520F



3F3095



4C4200

Square

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



3F3095



8C000D



114D00



005578

Rectangle

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



3F3095



8F004E



114D00



005435

Sweetspot

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



3F3095



A19BC2



308895



4D4A61



E0E0E0



616161

Same Dimension

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



3F3095



3C25C2



703095



44434A



14008A



02000A

Inverse Universe

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



953086



C225AA



559530



4A4349



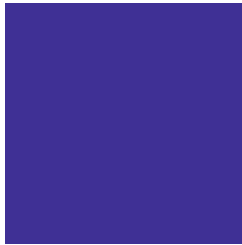
8A0075



0A0009

Previews

White Background



This preview shows how the Hex color 3F3095 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

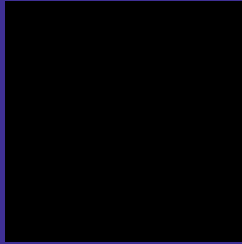
Any Text WCAG AA × Fail

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 3F3095 Background



This preview shows how black text looks on a background with the Hex color 3F3095.



This preview shows how white text looks on a background with the Hex color 3F3095.

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
3F3095

Protanopia
003F86

Deuteranopia
004373



Tritanopia
22474D

Trichromacy



Original Color
3F3095

Protanomaly
173A8B

Deuteranomaly
173C7F

Tritanomaly
2D3F67

Monochromacy



Original Color
3F3095

Achromatopsia
404040

Achromatomaly
403A5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F3095 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 #3F3095 looks like.

```
.text, #text, p{  
    color:#3F3095  
}
```

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 #3F3095 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F3095
}
```

Border

The CSS property to change the border of an element to Hex 3F3095 is called "border". The border property can be set on classes, ids or directly on the HTML element.

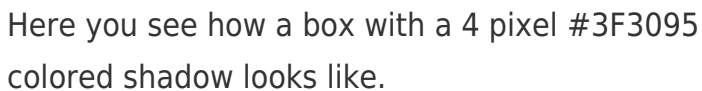
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F3095 }
```

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

```
.border{ border-color:#3F3095 }
```

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



Here you see how a box with a 4 pixel #3F3095 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F3095; -webkit-box-shadow:4px 4px  
4px 4px #3F3095; box-shadow:4px 4px 4px  
4px #3F3095 }
```

Background

The CSS property to change the background color of an element to Hex 3F3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F3095 }
```

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

```
.background{ background-color:#3F3095 }
```

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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