

Converting Colors

Hex(3F4395)

Have a look what the booklet for
Hex(3F4395) contains.

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Color

Hex(3F4395)

Conversions

Conversions Part 1

Format	Color
Hex	3F4395
RGB	63, 67, 149
RGB Percent	25%, 26%, 58%
CMY	0.7529, 0.7373, 0.4157
CMYK	0.58, 0.55, 0.00, 0.42
HSL	237°, 41%, 42%
HSV	237°, 58%, 58%
XYZ	9.4819, 7.2410, 29.3317
YIQ	75.1520, -28.7060, 24.6540

Conversions

Conversions Part 2

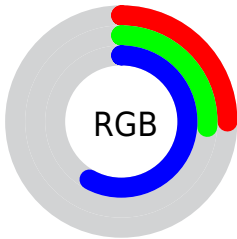
Format	Color
R _{YB}	63, 67, 149
Decimal	4146069
CIE _{Lab}	32.35, 23.49, -45.81
CIE _{LCh}	32, 51.479, 297.150
Yxy	7.2410, 0.2059, 0.1572
Android (android.graphics.Color)	4282336149 (0xFF3F4395)
YUV	75.1520, 36.4071, -10.6573
Hunter-Lab	26.9091, 15.8065, -45.7914

Details

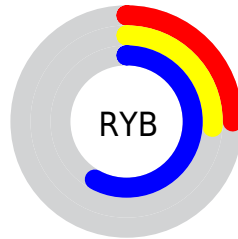
The Hex color **3F4395** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **95913F**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7673CC**, and **001861** is the 20% darker color. If you saturate the color by 10%, you get **303595**, and if you desaturate by 10%, it is **4E5195**.

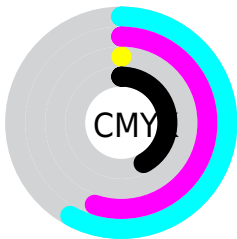
Distribution



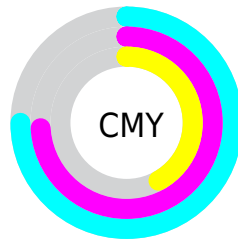
- Red (25%)
- Green (26%)
- Blue (58%)



- Red (25%)
- Yellow (26%)
- Blue (58%)



- Cyan (58%)
- Magenta (55%)
- Yellow (0%)
- Black (42%)



- Cyan (75%)
- Magenta (74%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F4395 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 3F4395 by changing the saturation by 10% instead.

■ 3F4395

■ 3F4395

FFFFFF

■ 212D7B

■ 7673CC

■ 001861

■ 928CE8

■ 000049

■ AEA7FF

■ 000432

■ CAC2FF

■ 00011C

■ E7DEFF

■ 000000

■ FFFBFF

■ 3F4395

■ 3F4395

■ 303595

■ 4E5195

■ 212795

■ 5D5F95

■ 121895

■ 6C6E95

■ 030A95

■ 7B7C95

■ 000795

■ 8A8A95

■ 989895

■ A7A695

■ B6B595

■ C5C395

Harmonies

Analogous

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



00529E



3F4395



782D79

Triad

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



3F4395



7E3800



005D47

Complementary

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



3F4395



95913F

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.



005B1C



3F4395



614900

Square

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



3F4395



90222A



395400



005E70

Rectangle

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



3F4395



8B1E5F



395400



005D39

Sweetspot

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



3F4395



A1A2C2



3F9591



4E4E61



E0E0E0



616161

Same Dimension

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



3F4395



3C42C2



663F95



43434A



00068A



00000A

Inverse Universe

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



953F43



C23C42



6E953F



4A4343



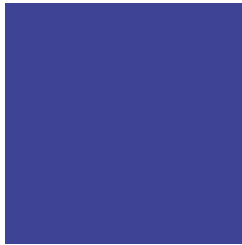
8A0006



0A0000

Previews

White Background



This preview shows how the Hex color 3F4395 looks on a white background.

Color Contrast Check

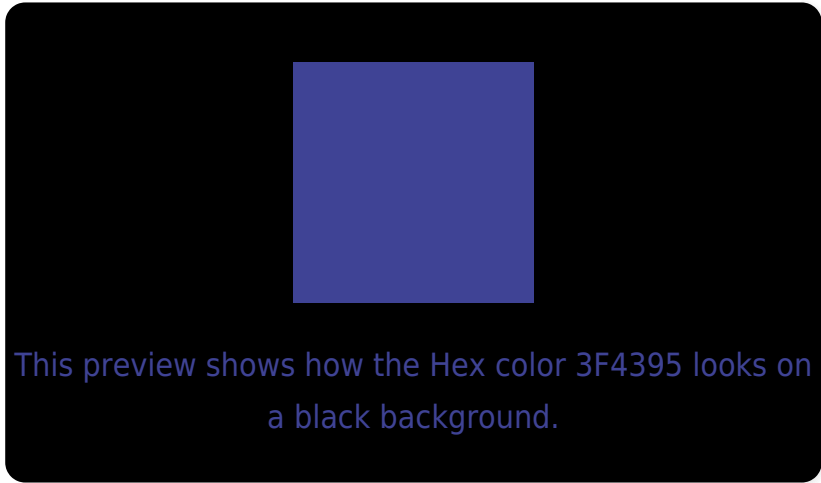
Large Text (above 18pt) WCAG AA ✓ Pass

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 3F4395 Background



This preview shows how black text looks on a background with the Hex color 3F4395.

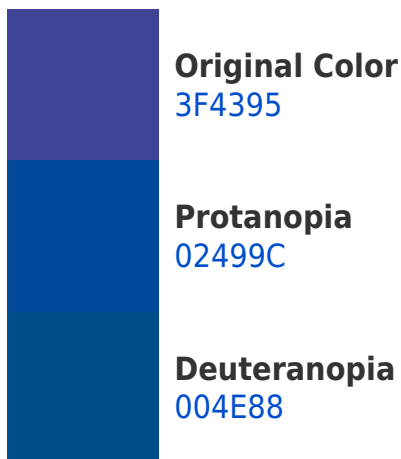


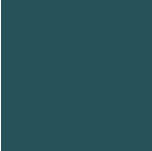
This preview shows how white text looks on a background with the Hex color 3F4395.

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
275259

Trichromacy



Original Color
3F4395

Protanomaly
184799

Deuteranomaly
174A8D

Tritanomaly
304D6F

Monochromacy



Original Color
3F4395

Achromatopsia
4B4B4B

Achromatomaly
474866

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F4395 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 #3F4395 looks like.

```
.text, #text, p{  
    color:#3F4395  
}
```

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 #3F4395 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F4395
}
```

Border

The CSS property to change the border of an element to Hex 3F4395 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".

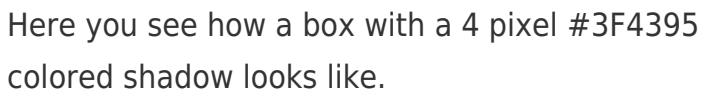
```
.border, #border, table{ border:4px solid
#3F4395 }
```

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

```
.border{ border-color:#3F4395 }
```

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

Here you see how a box with a 4 pixel #3F4395 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F4395; -webkit-box-shadow:4px 4px  
4px 4px #3F4395; box-shadow:4px 4px 4px  
4px #3F4395 }
```

Background

The CSS property to change the background color of an element to Hex 3F4395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F4395 }
```

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

```
.background{ background-color:#3F4395 }
```

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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