

Converting Colors

Hex(3F3D95)

Have a look what the booklet for
Hex(3F3D95) contains.

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Color

Hex(3F3D95)

Conversions

Conversions Part 1

Format	Color
Hex	3F3D95
RGB	63, 61, 149
RGB Percent	25%, 24%, 58%
CMY	0.7529, 0.7608, 0.4157
CMYK	0.58, 0.59, 0.00, 0.42
HSL	241°, 42%, 41%
HSV	241°, 59%, 58%
XYZ	9.1435, 6.5642, 29.2189
YIQ	71.6300, -27.0560, 27.7920

Conversions

Conversions Part 2

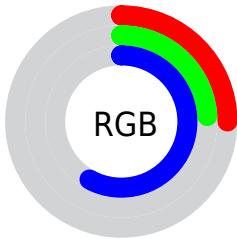
Format	Color
R _Y B	63, 61, 149
Decimal	4144533
CIE Lab	30.79, 27.41, -48.32
CIE LCh	31, 55.554, 299.558
Yxy	6.5642, 0.2035, 0.1461
Android (android.graphics.Color)	4282334613 (0xFF3F3D95)
YUV	71.6300, 38.1434, -7.5685
Hunter-Lab	25.6206, 18.8667, -49.6824

Details

The Hex color **3F3D95** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **93953D**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **766DCC**, and **001361** is the 20% darker color. If you saturate the color by 10%, you get **302E95**, and if you desaturate by 10%, it is **4E4C95**.

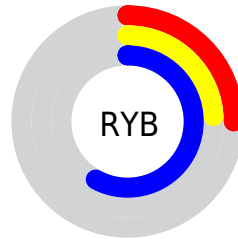
Distribution



Red (25%)

Green (24%)

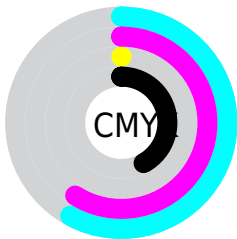
Blue (58%)



Red (25%)

Yellow (24%)

Blue (58%)

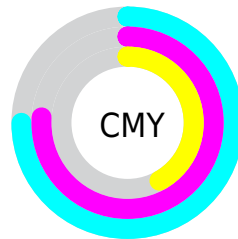


Cyan (58%)

Magenta (59%)

Yellow (0%)

Black (42%)



Cyan (75%)

Magenta (76%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F3D95 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 3F3D95 by changing the saturation by 10% instead.



3F3D95



3F3D95

FFFFFF



20277B



766DCC



001361



9286E8



000049



AEA0FF



000431



CBBBFF



00011B



E8D7FF



000000



FFF4FF



3F3D95



3F3D95



302E95



4E4C95

■ 221F95

■ 5C5B95

■ 131095

■ 6B6A95

■ 050195

■ 797995

■ 030095

■ 888895

■ 969695

■ A5A595

■ B3B495

■ C2C395

Harmonies

Analogous

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



004FA0



3F3D95



7A2275

Triad

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



3F3D95



7B3400



005A47

Complementary

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



3F3D95



93953D

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.



005818



3F3D95



5A4700

Square

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



3F3D95



8F1721



2F5200



005B72

Rectangle

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



3F3D95



8C0B5A



2F5200



005A37

Sweetspot

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



3F3D95



A09FC2



3D9495



4C4C61



E0E0E0



616161

Same Dimension

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



3F3D95



3B38C2



6A3D95



43434A



03008A



00000A

Inverse Universe

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



953D93



C238BF



68953D



4A434A



8A0087



0A000A

Previews

White Background



This preview shows how the Hex color 3F3D95 looks on a white background.

Color Contrast Check

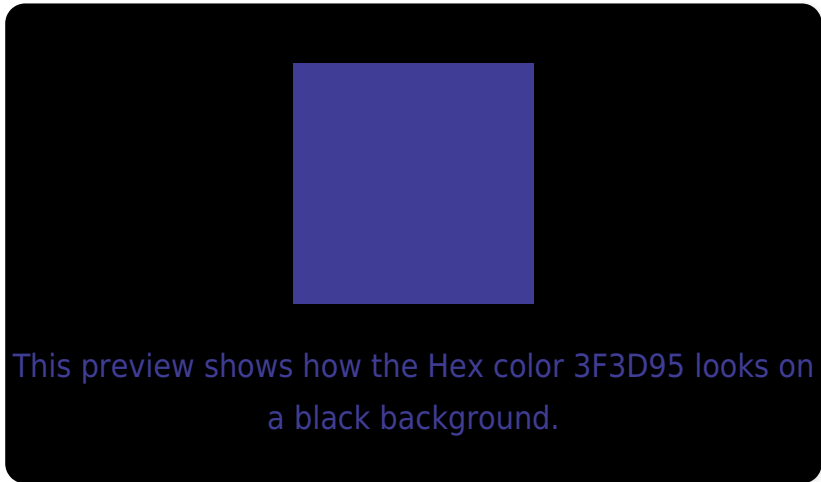
Large Text (above 18pt) WCAG AA ✓ Pass

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

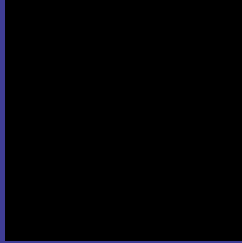
Any Text WCAG AA × Fail

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 3F3D95 Background



This preview shows how black text looks on a background with the Hex color 3F3D95.



This preview shows how white text looks on a background with the Hex color 3F3D95.

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



Original Color
3F3D95

Protanomaly
174394

Tritanomaly
2E486C

Monochromacy



Original Color
3F3D95

Achromatopsia
484848

Achromatomaly
454464

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F3D95 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 #3F3D95 looks like.

```
.text, #text, p{  
    color:#3F3D95  
}
```

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 #3F3D95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F3D95
}
```

Border

The CSS property to change the border of an element to Hex 3F3D95 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".

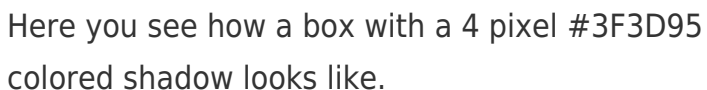
```
.border, #border, table{ border:4px solid
#3F3D95 }
```

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

```
.border{ border-color:#3F3D95 }
```

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

Here you see how a box with a 4 pixel #3F3D95 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 #3F3D95; -webkit-box-shadow:4px 4px  
4px 4px #3F3D95; box-shadow:4px 4px 4px  
4px #3F3D95 }
```

Background

The CSS property to change the background color of an element to Hex 3F3D95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F3D95 }
```

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

```
.background{ background-color:#3F3D95 }
```

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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