

Converting Colors

Hex(3F4699)

Have a look what the booklet for
Hex(3F4699) contains.

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Color

Hex(3F4699)

Conversions

Conversions Part 1

Format	Color
Hex	3F4699
RGB	63, 70, 153
RGB Percent	25%, 27%, 60%
CMY	0.7529, 0.7255, 0.4000
CMYK	0.59, 0.54, 0.00, 0.40
HSL	235°, 42%, 42%
HSV	235°, 59%, 60%
XYZ	9.9898, 7.7370, 31.1039
YIQ	77.3690, -30.8150, 24.3290

Conversions

Conversions Part 2

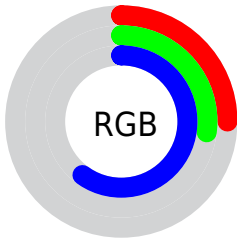
Format	Color
R _Y B	63, 69, 153
Decimal	4146841
CIE Lab	33.43, 22.91, -46.50
CIE LCh	33, 51.833, 296.227
Yxy	7.7370, 0.2046, 0.1584
Android (android.graphics.Color)	4282336921 (0xFF3F4699)
YUV	77.3690, 37.2861, -12.6016
Hunter-Lab	27.8154, 15.4307, -46.8286

Details

The Hex color **3F4699** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **99923F**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7776D0**, and **001B65** is the 20% darker color. If you saturate the color by 10%, you get **303899**, and if you desaturate by 10%, it is **4E5499**.

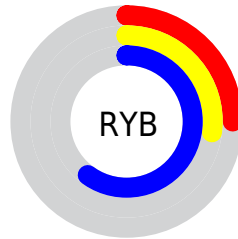
Distribution



 Red (25%)

 Green (27%)

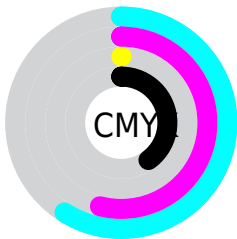
 Blue (60%)




 Red (25%)

 Yellow (27%)

 Blue (60%)

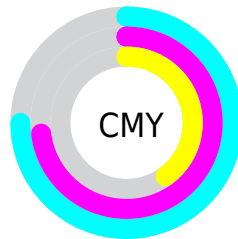


 Cyan (59%)

 Magenta (54%)

 Yellow (0%)

 Black (40%)



 Cyan (75%)

 Magenta (73%)

 Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F4699 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 3F4699 by changing the saturation by 10% instead.



3F4699



3F4699

FFFFFF



20307F



7776D0



001B65



9290ED



00044D



AEAAFF



000535



CBC6FF



00021F



E8E2FF



000002

FFFEFF



000000



3F4699



3F4699



303899



4E5499

■ 202A99

■ 5E6299

■ 111C99

■ 6D7099

■ 020E99

■ 7C7E99

■ 000C99

■ 8B8D99

■ 9B9B99

■ AAA999

■ B9B799

■ C9C599

Harmonies

Analogous

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



0055A1



3F4699



7A307D

Triad

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



3F4699



823903



006048

Complementary

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



3F4699



99923F

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.



005D1D



3F4699



654B00

Square

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



3F4699



94242D



3D5700



006072

Rectangle

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



3F4699



8D2263



3D5700



005F3A

Sweetspot

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



3F4699



A3A6C7



3F9992



4E4F63



E3E3E3



636363

Same Dimension

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



3F4699



3A45C7



653F99



45454D



000B8C



00010D

Inverse Universe

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



993F46



C73A45



74993F



4D4545



8C000B



0D0001

Previews

White Background



This preview shows how the Hex color 3F4699 looks on a white background.

Color Contrast Check

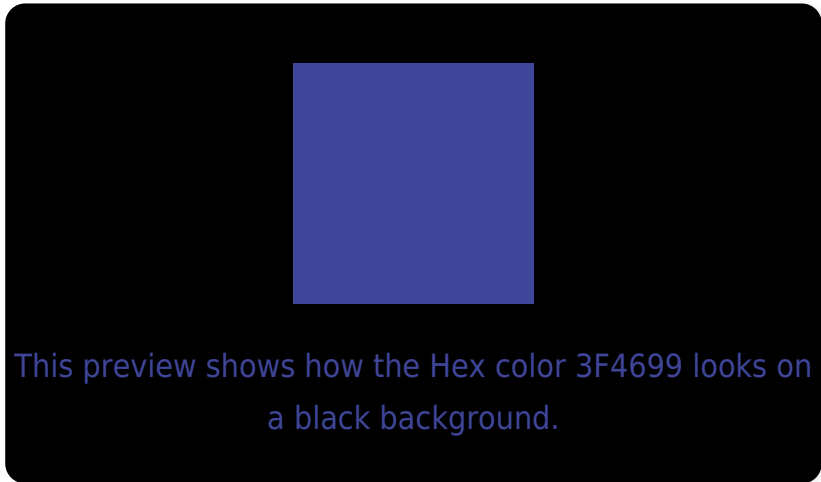
Large Text (above 18pt) WCAG AA ✓ Pass

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

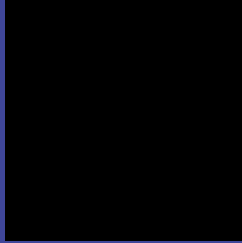
Any Text WCAG AA × Fail

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 3F4699 Background



This preview shows how black text looks on a background with the Hex color 3F4699.



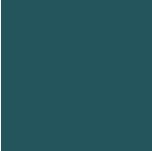
This preview shows how white text looks on a background with the Hex color 3F4699.

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



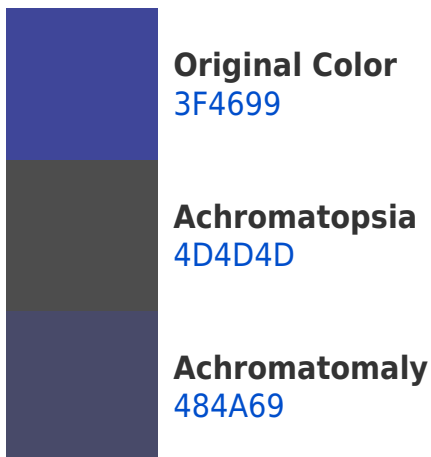


Tritanopia
25555C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F4699 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 #3F4699 looks like.

```
.text, #text, p{  
    color:#3F4699  
}
```

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 #3F4699 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F4699
}
```

Border

The CSS property to change the border of an element to Hex 3F4699 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
#3F4699 }
```

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

```
.border{ border-color:#3F4699 }
```

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

Here you see how a box with a 4 pixel #3F4699 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F4699; -webkit-box-shadow:4px 4px  
4px 4px #3F4699; box-shadow:4px 4px 4px  
4px #3F4699 }
```

Background

The CSS property to change the background color of an element to Hex 3F4699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F4699 }
```

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

```
.background{ background-color:#3F4699 }
```

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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