

Converting Colors

Hex(3F449E)

Have a look what the booklet for
Hex(3F449E) contains.

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Color

Hex(3F449E)

Conversions

Conversions Part 1

Format	Color
Hex	3F449E
RGB	63, 68, 158
RGB Percent	25%, 27%, 62%
CMY	0.7529, 0.7333, 0.3804
CMYK	0.60, 0.57, 0.00, 0.38
HSL	237°, 43%, 43%
HSV	237°, 60%, 62%
XYZ	10.2886, 7.6596, 33.2839
YIQ	76.7650, -31.8700, 26.9300

Conversions

Conversions Part 2

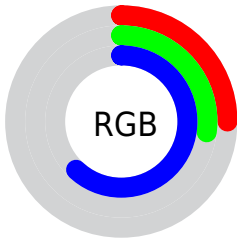
Format	Color
R_{YB}	63, 68, 158
Decimal	4146334
CIE _{Lab}	33.26, 25.95, -49.79
CIE _{LCh}	33, 56.145, 297.526
Yxy	7.6596, 0.2008, 0.1495
Android (android.graphics.Color)	4282336414 (0xFF3F449E)
YUV	76.7650, 40.0489, -12.0719
Hunter-Lab	27.6760, 17.9244, -51.9305

Details

The Hex color **3F449E** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **9E993F**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7774D5**, and **00196A** is the 20% darker color. If you saturate the color by 10%, you get **2F359E**, and if you desaturate by 10%, it is **4F539E**.

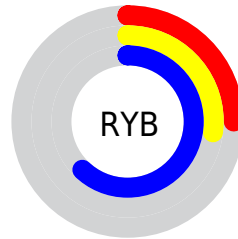
Distribution



Red (25%)

Green (27%)

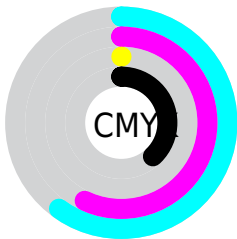
Blue (62%)



Red (25%)

Yellow (27%)

Blue (62%)

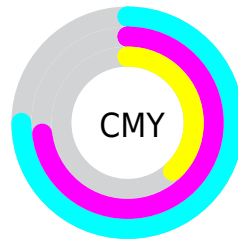


Cyan (60%)

Magenta (57%)

Yellow (0%)

Black (38%)



Cyan (75%)

Magenta (73%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F449E 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 3F449E by changing the saturation by 10% instead.



3F449E



3F449E

FFFFFF



1F2E83



7774D5



00196A



938EF2



000251



B0A8FF



000539



CDC3FF



000223



EADFFF



000009



FFFCFF



000000



3F449E



3F449E



2F359E



4F539E

■ 1F269E

■ 5F629E

■ 10179E

■ 6E719E

■ 00089E

■ 7E809E

■ 8E8F9E

■ 9E9E9E

■ AEAD9E

■ BDBC9E

■ CDCB9E

Harmonies

Analogous

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



0055A8



3F449E



7F2A7F

Triad

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



3F449E



843800



006149

Complementary

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



3F449E



9E993F

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.



005E19



3F449E



634B00

Square

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



3F449E



981D28



385700



006176

Rectangle

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



3F449E



931763



385700



006039

Sweetspot

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



3F449E



A9ABCF



3F9E98



525369



E8E8E8



696969

Same Dimension

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



3F449E



3A42CF



683F9E



47484F



00088F



00010F

Inverse Universe

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



9E3F44



CF3A42



759E3F



4F4748



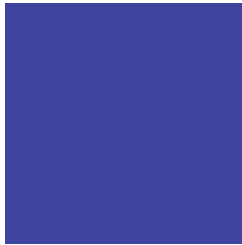
8F0008



0F0001

Previews

White Background



This preview shows how the Hex color 3F449E looks on a white background.

Color Contrast Check

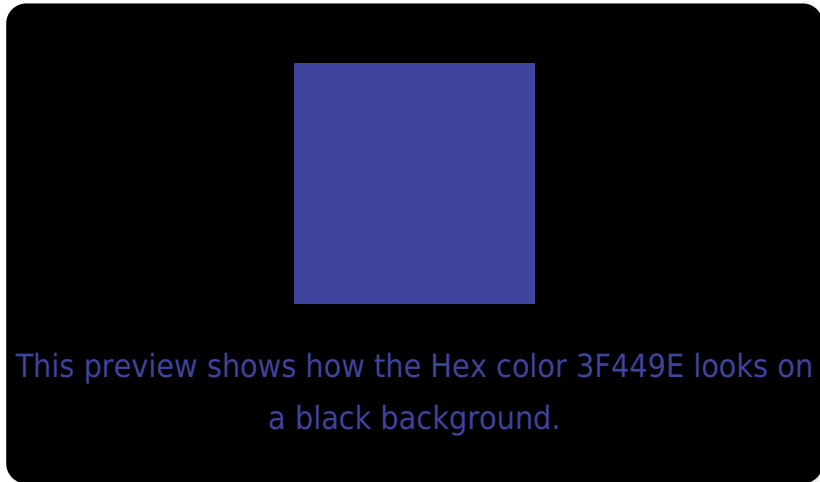
Large Text (above 18pt) WCAG AA ✓ Pass

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

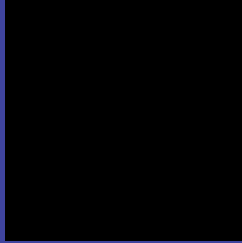
Any Text WCAG AA × Fail

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 3F449E Background



This preview shows how black text looks on a background with the Hex color 3F449E.

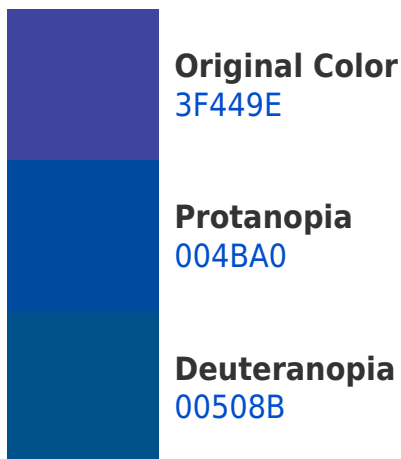


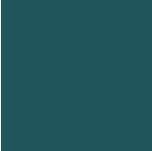
This preview shows how white text looks on a background with the Hex color 3F449E.

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](#).

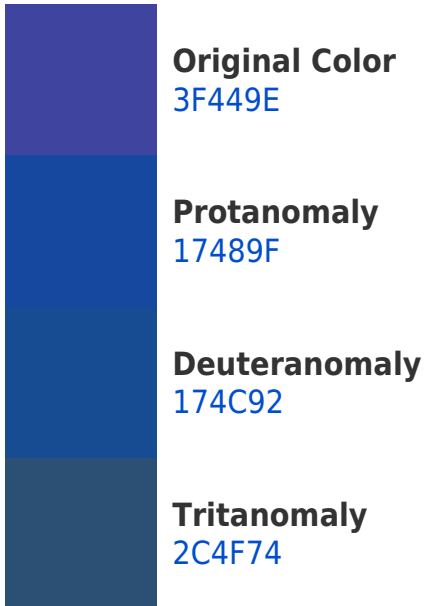
Dichromacy





Tritanopia
21555C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F449E 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 #3F449E looks like.

```
.text, #text, p{  
    color:#3F449E  
}
```

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 #3F449E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F449E
}
```

Border

The CSS property to change the border of an element to Hex 3F449E 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
#3F449E }
```

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

```
.border{ border-color:#3F449E }
```

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

Here you see how a box with a 4 pixel #3F449E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F449E; -webkit-box-shadow:4px 4px  
4px 4px #3F449E; box-shadow:4px 4px 4px  
4px #3F449E }
```

Background

The CSS property to change the background color of an element to Hex 3F449E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F449E }
```

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

```
.background{ background-color:#3F449E }
```

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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