

Converting Colors

Hex(3F3E79)

Have a look what the booklet for
Hex(3F3E79) contains.

Hex(3F3E79)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3F3E79)

Conversions

Conversions Part 1

Format	Color
Hex	3F3E79
RGB	63, 62, 121
RGB Percent	25%, 24%, 47%
CMY	0.7529, 0.7569, 0.5255
CMYK	0.48, 0.49, 0.00, 0.53
HSL	241°, 32%, 36%
HSV	241°, 49%, 47%
XYZ	7.2237, 5.8825, 18.8439
YIQ	69.0250, -18.3430, 18.5610

Conversions

Conversions Part 2

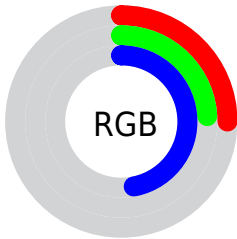
Format	Color
RYB	63, 62, 121
Decimal	4144761
CIELab	29.11, 17.34, -33.67
CIELCh	29, 37.873, 297.241
Yxy	5.8825, 0.2261, 0.1841
Android (android.graphics.Color)	4282334841 (0xFF3F3E79)
YUV	69.0250, 25.6237, -5.2839
Hunter-Lab	24.2538, 10.7199, -29.0873

Details

The Hex color **3F3E79** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **78793E**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **726DAE**, and **071448** is the 20% darker color. If you saturate the color by 10%, you get **333279**, and if you desaturate by 10%, it is **4B4A79**.

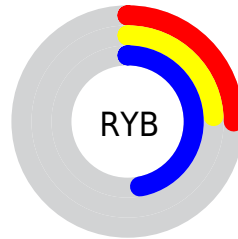
Distribution



Red (25%)

Green (24%)

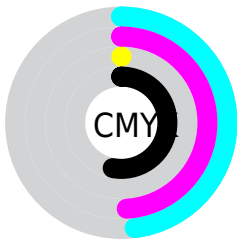
Blue (47%)



Red (25%)

Yellow (24%)

Blue (47%)

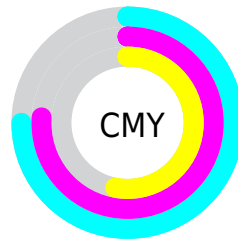


Cyan (48%)

Magenta (49%)

Yellow (0%)

Black (53%)



Cyan (75%)

Magenta (76%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F3E79 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 3F3E79 by changing the saturation by 10% instead.



3F3E79



3F3E79

FFFFFF



252860



726DAE



071448



8D87C9



000031



A8A1E6



00011B



C4BCFF



000000



E0D8FF



FD44FF



3F3E79



3F3E79



333279



4B4A79

■ 272679

■ 575679

■ 1B1A79

■ 636279

■ 0F0E79

■ 6F6E79

■ 040279

■ 7A7A79

■ 020079

■ 868779

■ 929379

■ 9E9F79

■ AAAB79

Harmonies

Analogous

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



00497F



3F3E79



653165

Triad

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



3F3E79



6B3712



005241

Complementary

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



3F3E79



78793E

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.



095023



3F3E79



554201

Square

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



3F3E79



782B2C



394B09



00525F

Rectangle

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



3F3E79



732A52



394B09



005237

Sweetspot

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



3F3E79



87869E



3E7879



41414F



CFCFCF



4F4F4F

Same Dimension

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



3F3E79



42419E



5C3E79



37373D



02007D



0400FC

Inverse Universe

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



793E78



9E419D



5B793E



3D373D



7D007B



FC00F8

Previews

White Background



This preview shows how the Hex color 3F3E79 looks on a white background.

Color Contrast Check

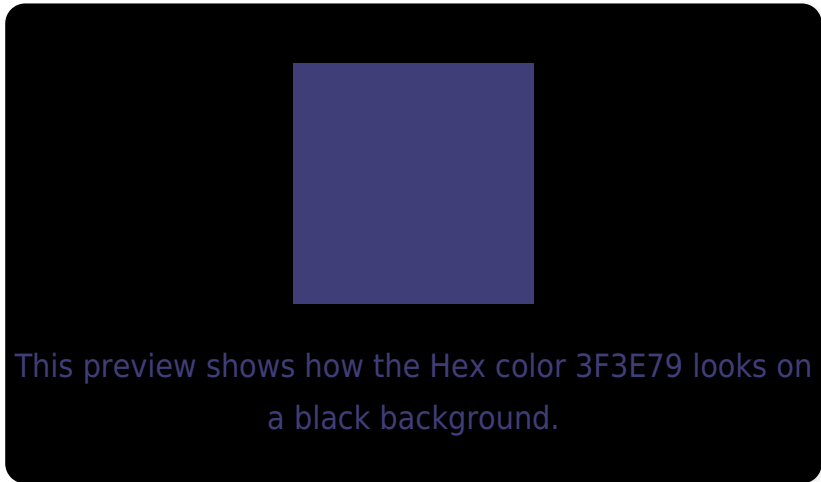
Large Text (above 18pt) WCAG AA ✓ Pass

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

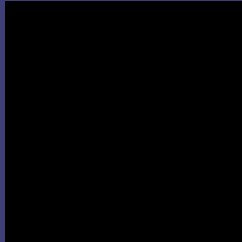
Any Text WCAG AA × Fail

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 3F3E79 Background



This preview shows how black text looks on a background with the Hex color 3F3E79.



This preview shows how white text looks on a background with the Hex color 3F3E79.

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
3F3E79

Protanopia
27437E

Deuteranopia
1C4577



Tritanopia
33484E

Trichromacy



Original Color
3F3E79

Protanomaly
30417C

Deuteranomaly
294278

Tritanomaly
37445E

Monochromacy



Original Color
3F3E79

Achromatopsia
454545

Achromatomaly
434258

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F3E79 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 #3F3E79 looks like.

```
.text, #text, p{  
    color:#3F3E79  
}
```

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 #3F3E79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F3E79
}
```

Border

The CSS property to change the border of an element to Hex 3F3E79 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
#3F3E79 }
```

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

```
.border{ border-color:#3F3E79 }
```

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

Here you see how a box with a 4 pixel #3F3E79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F3E79; -webkit-box-shadow:4px 4px  
4px 4px #3F3E79; box-shadow:4px 4px 4px  
4px #3F3E79 }
```

Background

The CSS property to change the background color of an element to Hex 3F3E79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F3E79 }
```

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

```
.background{ background-color:#3F3E79 }
```

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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