

Converting Colors

Hex(3E4079)

Have a look what the booklet for
Hex(3E4079) contains.

Hex(3E4079)	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(3E4079)

Conversions

Conversions Part 1

Format	Color
Hex	3E4079
RGB	62, 64, 121
RGB Percent	24%, 25%, 47%
CMY	0.7569, 0.7490, 0.5255
CMYK	0.49, 0.47, 0.00, 0.53
HSL	238°, 32%, 36%
HSV	238°, 49%, 47%
XYZ	7.2712, 6.0714, 18.8778
YIQ	69.9000, -19.4890, 17.3030

Conversions

Conversions Part 2

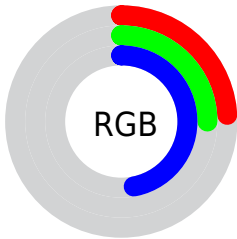
Format	Color
R_{YB}	62, 64, 121
Decimal	4079737
CIE _{Lab}	29.59, 15.74, -32.92
CIE _{LCh}	30, 36.485, 295.555
Yxy	6.0714, 0.2257, 0.1884
Android (android.graphics.Color)	4282269817 (0xFF3E4079)
YUV	69.9000, 25.1923, -6.9283
Hunter-Lab	24.6402, 9.5540, -28.1762

Details

The Hex color **3E4079** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **79773E**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **7170AE**, and **061648** is the 20% darker color. If you saturate the color by 10%, you get **323479**, and if you desaturate by 10%, it is **4A4C79**.

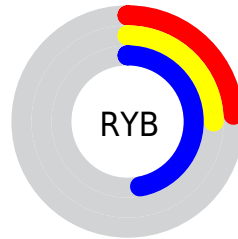
Distribution



Red (24%)

Green (25%)

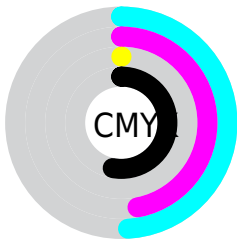
Blue (47%)



Red (24%)

Yellow (25%)

Blue (47%)

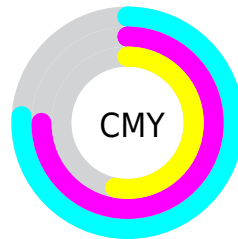


Cyan (49%)

Magenta (47%)

Yellow (0%)

Black (53%)



Cyan (76%)

Magenta (75%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E4079 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 3E4079 by changing the saturation by 10% instead.

■ 3E4079

■ 3E4079

FFFFFF

■ 242A60

■ 7170AE

■ 061648

■ 8C89C9

■ 000031

■ A7A3E6

■ 00011B

■ C3BEFF

■ 000000

■ DFDAFF

■ FCF7FF

■ 3E4079

■ 3E4079

■ 323479

■ 4A4C79

■ 262979

■ 565779

■ 1A1D79

■ 626379

■ 0E1179

■ 6E6F79

■ 020679

■ 7A7A79

■ 000479

■ 878679

■ 939279

■ 9F9E79

■ ABA979

Harmonies

Analogous

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



004A7E



3E4079



643366

Triad

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



3E4079



6C3817



005340

Complementary

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



3E4079



79773E

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.



145024



3E4079



584306

Square

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



3E4079



782D2F



3C4B0C



00535D

Rectangle

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



3E4079



722D55



3C4B0C



005237

Sweetspot

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



3E4079



86879E



3E7976



41414F



CFCFCF



4F4F4F

Same Dimension

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



3E4079



41449E



593E79



37373D



00047D



0009FC

Inverse Universe

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



793E40



9E4144



5E793E



3D3737



7D0004



FC0009

Previews

White Background



This preview shows how the Hex color 3E4079 looks on a white background.

Color Contrast Check

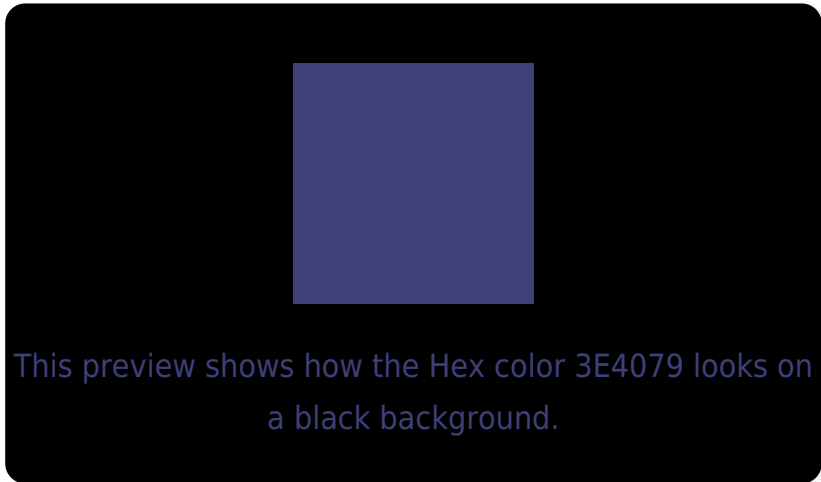
Large Text (above 18pt) WCAG AA ✓ Pass

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

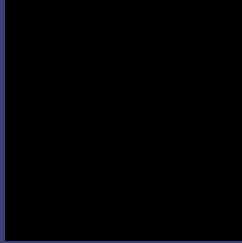
Any Text WCAG AA × Fail

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 3E4079 Background



This preview shows how black text looks on a background with the Hex color 3E4079.



This preview shows how white text looks on a background with the Hex color 3E4079.

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](#).

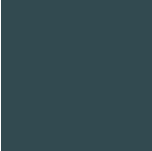
Dichromacy



Original Color
3E4079

Protanopia
2B447D

Deuteranopia
204678



Tritanopia
324A50

Trichromacy



Original Color
3E4079

Protanomaly
32437C

Deuteranomaly
2B4478

Tritanomaly
36465F

Monochromacy



Original Color
3E4079

Achromatopsia
464646

Achromatomaly
434459

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E4079 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 #3E4079 looks like.

```
.text, #text, p{  
    color:#3E4079  
}
```

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 #3E4079 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E4079
}
```

Border

The CSS property to change the border of an element to Hex 3E4079 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
#3E4079 }
```

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

```
.border{ border-color:#3E4079 }
```

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

Here you see how a box with a 4 pixel #3E4079 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E4079; -webkit-box-shadow:4px 4px  
4px 4px #3E4079; box-shadow:4px 4px 4px  
4px #3E4079 }
```

Background

The CSS property to change the background color of an element to Hex 3E4079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E4079 }
```

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

```
.background{ background-color:#3E4079 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor