

Converting Colors

Hex(3E0449)

Have a look what the booklet for
Hex(3E0449) contains.

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Color

Hex(3E0449)

Conversions

Conversions Part 1

Format	Color
Hex	3E0449
RGB	62, 4, 73
RGB Percent	24%, 2%, 29%
CMY	0.7569, 0.9843, 0.7137
CMYK	0.15, 0.95, 0.00, 0.71
HSL	290°, 90%, 15%
HSV	290°, 95%, 29%
XYZ	3.2326, 1.5920, 6.4402
YIQ	29.2080, 12.4190, 33.7550

Conversions

Conversions Part 2

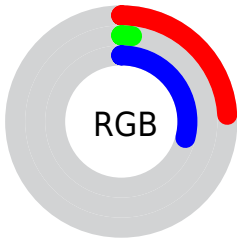
Format	Color
RYB	62, 4, 73
Decimal	4064329
CIELab	13.18, 36.22, -27.61
CIELCh	13, 45.541, 322.677
Yxy	1.5920, 0.2870, 0.1413
Android (android.graphics.Color)	4282254409 (0xFF3E0449)
YUV	29.2080, 21.5895, 28.7586
Hunter-Lab	12.6175, 23.6515, -21.4307




Details

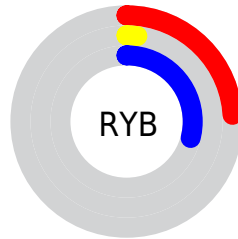
The Hex color **3E0449** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0F4904**, and the grayscale version is **1D1D1D**.




A 20% lighter version of the original color is **70377A**, and **00001C** is the 20% darker color. If you saturate the color by 10%, you get **3D0049**, and if you desaturate by 10%, it is **3F0B49**.

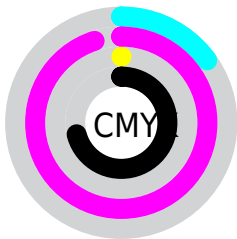
Distribution







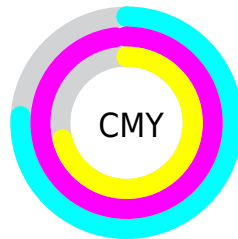
-  Red (24%)
-  Green (2%)
-  Blue (29%)






-  Red (24%)
-  Yellow (2%)
-  Blue (29%)



-  Cyan (15%)
-  Magenta (95%)
-  Yellow (0%)
-  Black (71%)



-  Cyan (76%)
-  Magenta (98%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E0449 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 3E0449 by changing the saturation by 10% instead.

 3E0449

 3E0449

 FFF1FF

 280032

 70377A

 00001C

 8B5094

 000000

 A669AF

 C283CB

 DE9DE7

 FBB8FF

 FFD4FF

 3E0449

 3E0449

■ 3D0049

■ 3F0B49

■ 401349

■ 411A49

■ 432149

■ 442949

■ 453049

■ 463749

■ 473E49

■ 484649

Harmonies

Analogous

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



001D5E



3E0449



53002B

Triad

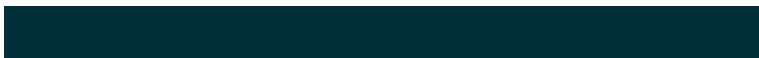
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3E0449



321E00



002F3A

Complementary

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



3E0449



0F4904

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.



002E19



3E0449



142700

Square

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



3E0449



480B00



002C00



002D55

Rectangle

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



3E0449



560016



002C00



002F2F

Sweetspot

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



3E0449



5A445E



041049



2E2030



B0B0B0



303030

Same Dimension

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



3E0449



4F005E



490432



232024



540063



BF00E3

Inverse Universe

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



49040F



5E000F



04491B



242021



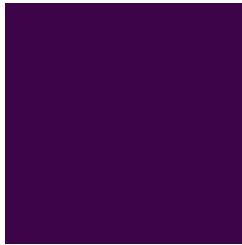
630010



E30024

Previews

White Background



This preview shows how the Hex color 3E0449 looks on a white background.

Color Contrast Check

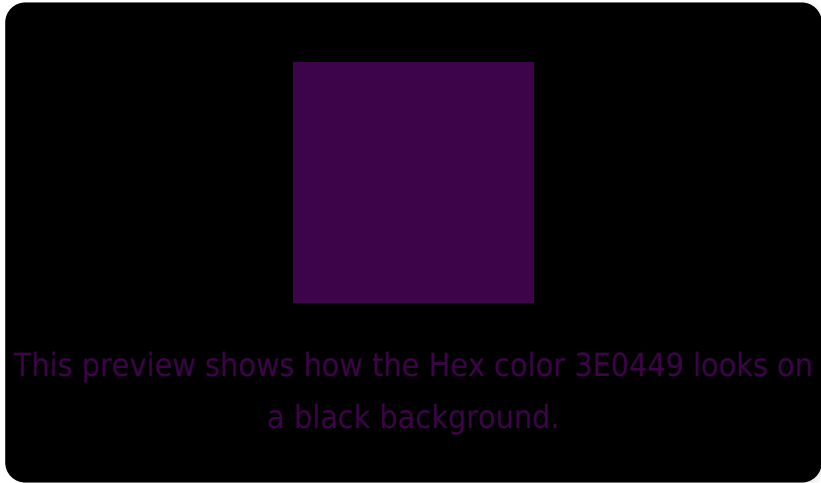
Large Text (above 18pt) WCAG AA ✓ Pass

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

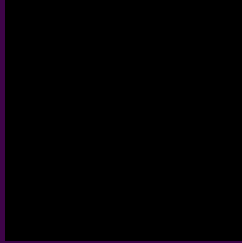
Any Text WCAG AA × Fail

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 3E0449 Background



This preview shows how black text looks on a background with the Hex color 3E0449.



This preview shows how white text looks on a background with the Hex color 3E0449.

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](#).

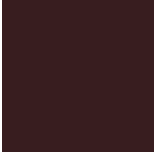
Dichromacy



Original Color
3E0449

Protanopia
00244C

Deuteranopia
002643



Tritanopia
381D1F

Trichromacy



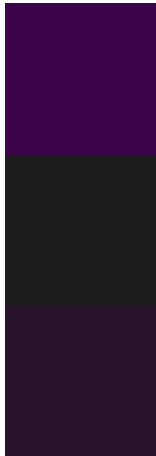
Original Color
3E0449

Protanomaly
17184B

Deuteranomaly
171A45

Tritanomaly
3A142E

Monochromacy



Original Color
3E0449

Achromatopsia
1D1D1D

Achromatomaly
29142D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E0449 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 #3E0449 looks like.

```
.text, #text, p{  
    color:#3E0449  
}
```

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 #3E0449 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E0449
}
```

Border

The CSS property to change the border of an element to Hex 3E0449 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
#3E0449 }
```

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

```
.border{ border-color:#3E0449 }
```

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

Here you see how a box with a 4 pixel #3E0449 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E0449; -webkit-box-shadow:4px 4px  
4px 4px #3E0449; box-shadow:4px 4px 4px  
4px #3E0449 }
```

Background

The CSS property to change the background color of an element to Hex 3E0449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E0449 }
```

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

```
.background{ background-color:#3E0449 }
```

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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