

Converting Colors

Hex(3E0E63)

Have a look what the booklet for
Hex(3E0E63) contains.

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Color

Hex(3E0E63)

Conversions

Conversions Part 1

Format	Color
Hex	3E0E63
RGB	62, 14, 99
RGB Percent	24%, 5%, 39%
CMY	0.7569, 0.9451, 0.6118
CMYK	0.37, 0.86, 0.00, 0.61
HSL	274°, 75%, 22%
HSV	274°, 86%, 39%
XYZ	4.3958, 2.2391, 12.0049
YIQ	38.0420, 1.3230, 36.6110

Conversions

Conversions Part 2

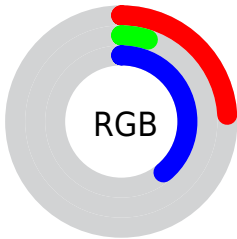
Format	Color
RYB	62, 14, 99
Decimal	4066915
CIELab	16.69, 38.55, -39.53
CIElCh	17, 55.215, 314.278
Yxy	2.2391, 0.2358, 0.1201
Android (android.graphics.Color)	4282256995 (0xFF3E0E63)
YUV	38.0420, 30.0523, 21.0112
Hunter-Lab	14.9635, 26.2512, -37.0926




Details

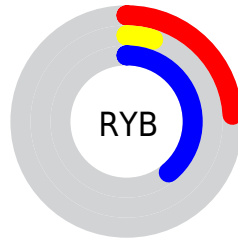
The Hex color **3E0E63** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **33630E**, and the grayscale version is **262626**.




A 20% lighter version of the original color is **723F97**, and **0B0033** is the 20% darker color. If you saturate the color by 10%, you get **3A0463**, and if you desaturate by 10%, it is **421863**.

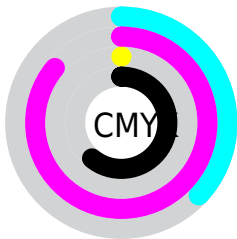
Distribution







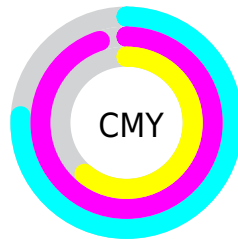
-  Red (24%)
-  Green (5%)
-  Blue (39%)






-  Red (24%)
-  Yellow (5%)
-  Blue (39%)



-  Cyan (37%)
-  Magenta (86%)
-  Yellow (0%)
-  Black (61%)



-  Cyan (76%)
-  Magenta (95%)
-  Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E0E63 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 3E0E63 by changing the saturation by 10% instead.

 3E0E63

 3E0E63

 FFFBFF

 25004B

 723F97

 0B0033

 8D58B2

 00021D

 A871CD

 000000

 C48BEA

 E1A6FF

 FEC2FF

 FFDEFF

 3E0E63

 3E0E63

■ 3A0463

■ 421863

■ 380063

■ 472263

■ 4B2C63

■ 4F3663

■ 544063

■ 584963

■ 5C5363

■ 605D63

■ 656763

Harmonies

Analogous

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



002978



3E0E63



620040

Triad

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



3E0E63



452000



00383C

Complementary

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



3E0E63



33630E

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.



003712



3E0E63



232E00

Square

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



3E0E63



5D0000



003400



003861

Rectangle

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



3E0E63



690026



003400



00382E

Sweetspot

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



3E0E63



715E80



0E3463



372C40



BFBFBF



404040

Same Dimension

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



3E0E63



480080



630E5F



2E2C30



3F0070



8700F0

Inverse Universe

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



630E33



800038



0E6312



302C2E



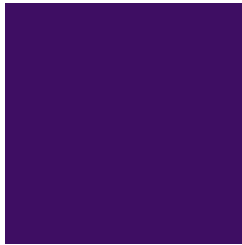
700031



F00068

Previews

White Background



This preview shows how the Hex color 3E0E63 looks on a white background.

Color Contrast Check

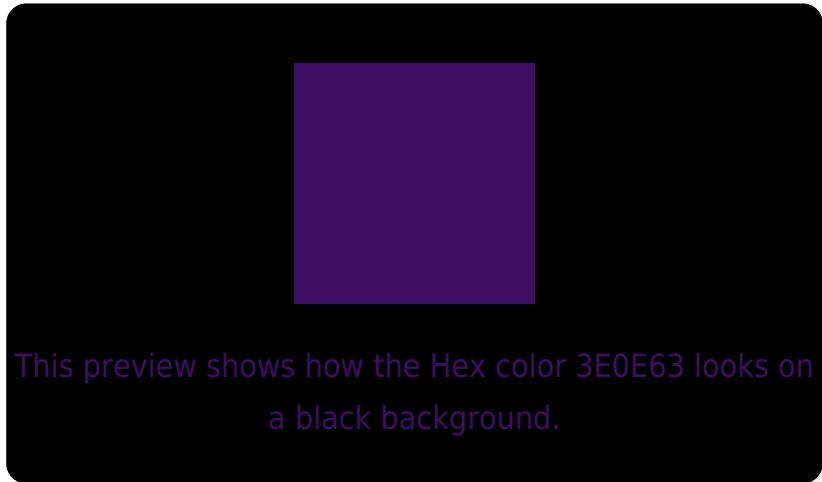
Large Text (above 18pt) WCAG AA ✓ Pass

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 3E0E63 Background



This preview shows how black text looks on a background with the Hex color 3E0E63.



This preview shows how white text looks on a background with the Hex color 3E0E63.

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
3E0E63

Protanopia
002A58

Deuteranopia
002C4C



Tritanopia
33282B

Trichromacy



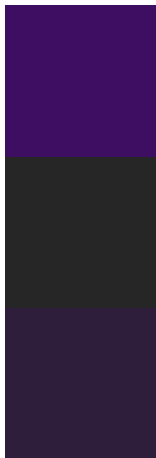
Original Color
3E0E63

Protanomaly
17205C

Deuteranomaly
172154

Tritanomaly
371F3F

Monochromacy



Original Color
3E0E63

Achromatopsia
262626

Achromatomaly
2F1D3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E0E63 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 #3E0E63 looks like.

```
.text, #text, p{  
    color:#3E0E63  
}
```

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 #3E0E63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E0E63
}
```

Border

The CSS property to change the border of an element to Hex 3E0E63 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
#3E0E63 }
```

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

```
.border{ border-color:#3E0E63 }
```

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

Here you see how a box with a 4 pixel #3E0E63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E0E63; -webkit-box-shadow:4px 4px  
4px 4px #3E0E63; box-shadow:4px 4px 4px  
4px #3E0E63 }
```

Background

The CSS property to change the background color of an element to Hex 3E0E63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E0E63 }
```

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

```
.background{ background-color:#3E0E63 }
```

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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