

Converting Colors

Hex(3E0C5D)

Have a look what the booklet for
Hex(3E0C5D) contains.

Hex(3E0C5D)	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(3E0C5D)

Conversions

Conversions Part 1

Format	Color
Hex	3E0C5D
RGB	62, 12, 93
RGB Percent	24%, 5%, 36%
CMY	0.7569, 0.9529, 0.6353
CMYK	0.33, 0.87, 0.00, 0.64
HSL	277°, 77%, 21%
HSV	277°, 87%, 36%
XYZ	4.0939, 2.0774, 10.5411
YIQ	36.1840, 3.7990, 35.7910

Conversions

Conversions Part 2

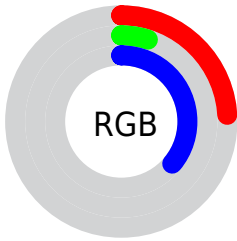
Format	Color
RYB	62, 12, 93
Decimal	4066397
CIELab	15.89, 37.82, -36.85
CIELCh	16, 52.806, 315.739
Yxy	2.0774, 0.2450, 0.1243
Android (android.graphics.Color)	4282256477 (0xFF3E0C5D)
YUV	36.1840, 28.0103, 22.6406
Hunter-Lab	14.4132, 25.4775, -33.2728

Details

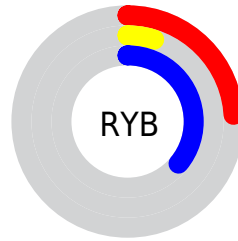
The Hex color **3E0C5D** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2B5D0C**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **713E90**, and **0A002E** is the 20% darker color. If you saturate the color by 10%, you get **3A035D**, and if you desaturate by 10%, it is **42155D**.

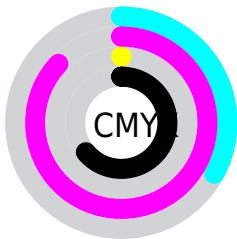
Distribution



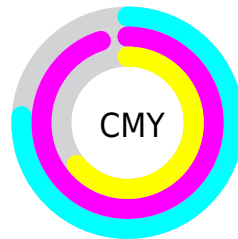
- Red (24%)
- Green (5%)
- Blue (36%)



- Red (24%)
- Yellow (5%)
- Blue (36%)



- Cyan (33%)
- Magenta (87%)
- Yellow (0%)
- Black (64%)



- Cyan (76%)
- Magenta (95%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E0C5D 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 3E0C5D by changing the saturation by 10% instead.

 3E0C5D

 3E0C5D

 FFF9FF

 250045

 713E90

 0A002E

 8C56AB

 000118

 A76FC6

 000000

 C389E3

 E0A4FF

 FDC0FF

 FFDCFF

 3E0C5D

 3E0C5D

■ 3A035D

■ 42155D

■ 39005D

■ 451F5D

■ 49285D

■ 4C315D

■ 503B5D

■ 53445D

■ 574D5D

■ 5A565D

■ 5E605D

Harmonies

Analogous

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



002772



3E0C5D



5E003B

Triad

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



3E0C5D



401F00



00363B

Complementary

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



3E0C5D



2B5D0C

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.



003513



3E0C5D



1F2C00

Square

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



3E0C5D



580000



003200



00355E

Rectangle

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



3E0C5D



640022



003200



00362E

Sweetspot

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



3E0C5D



6C5978



0C2B5D



362A3D



BDBDBD



3D3D3D

Same Dimension

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



3E0C5D



4A0078



5D0C54



2C292E



44006E



9200ED

Inverse Universe

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



5D0C2B



78002E



0C5D15



2E292B



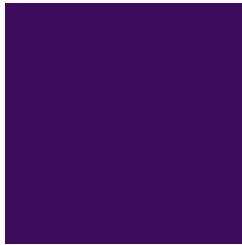
6E002A



ED005B

Previews

White Background



This preview shows how the Hex color 3E0C5D looks on a white background.

Color Contrast Check

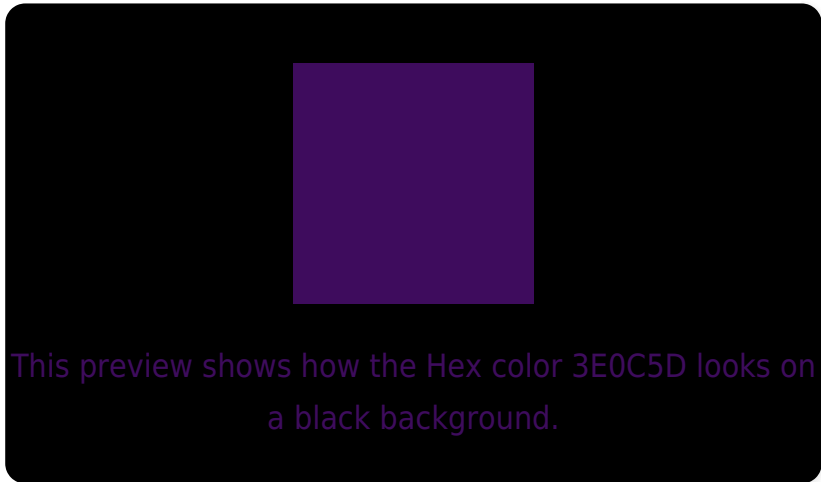
Large Text (above 18pt) WCAG AA ✓ Pass

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

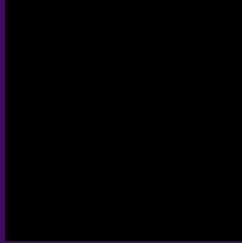
Any Text WCAG AA × Fail

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 3E0C5D Background



This preview shows how black text looks on a background with the Hex color 3E0C5D.



This preview shows how white text looks on a background with the Hex color 3E0C5D.

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
3E0C5D

Protanopia
002855

Deuteranopia
002B49



Tritanopia
342628

Trichromacy



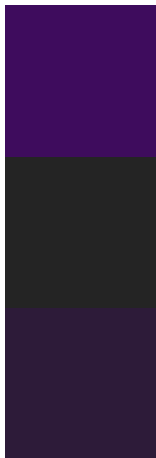
Original Color
3E0C5D

Protanomaly
171E58

Deuteranomaly
172050

Tritanomaly
381D3B

Monochromacy



Original Color
3E0C5D

Achromatopsia
242424

Achromatomaly
2D1B39

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E0C5D 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 #3E0C5D looks like.

```
.text, #text, p{  
    color:#3E0C5D  
}
```

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 #3E0C5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E0C5D
}
```

Border

The CSS property to change the border of an element to Hex 3E0C5D 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".

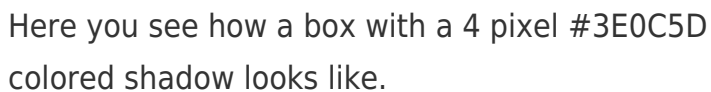
```
.border, #border, table{ border:4px solid
#3E0C5D }
```

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

```
.border{ border-color:#3E0C5D }
```

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

Here you see how a box with a 4 pixel #3E0C5D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E0C5D; -webkit-box-shadow:4px 4px  
4px 4px #3E0C5D; box-shadow:4px 4px 4px  
4px #3E0C5D }
```

Background

The CSS property to change the background color of an element to Hex 3E0C5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E0C5D }
```

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

```
.background{ background-color:#3E0C5D }
```

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