

# Converting Colors

Hex(3E0D4D)

Have a look what the booklet for  
Hex(3E0D4D) contains.

<b>Hex(3E0D4D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(3E0D4D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E0D4D
RGB	62, 13, 77
RGB Percent	24%, 5%, 30%
CMY	0.7569, 0.9490, 0.6980
CMYK	0.19, 0.83, 0.00, 0.70
HSL	286°, 71%, 18%
HSV	286°, 83%, 30%
XYZ	3.4701, 1.8478, 7.1949
YIQ	34.9470, 8.6600, 30.2920

# Conversions

## Conversions Part 2

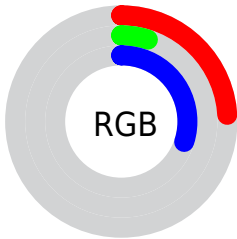
Format	Color
<b>RYB</b>	62, 13, 77
Decimal	4066637
CIELab	14.67, 33.68, -27.98
CIElCh	15, 43.791, 320.282
Yxy	1.8478, 0.2773, 0.1477
Android (android.graphics.Color)	4282256717 (0xFF3E0D4D)
YUV	34.9470, 20.7321, 23.7255
Hunter-Lab	13.5934, 21.7786, -21.8667

# Details

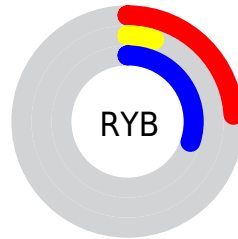
The Hex color **3E0D4D** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1C4D0D**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **703D7F**, and **060020** is the 20% darker color. If you saturate the color by 10%, you get **3C054D**, and if you desaturate by 10%, it is **40154D**.

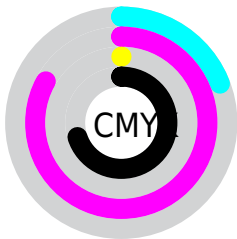
# Distribution



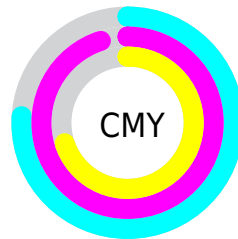
- Red (24%)
- Green (5%)
- Blue (30%)



- Red (24%)
- Yellow (5%)
- Blue (30%)



- Cyan (19%)
- Magenta (83%)
- Yellow (0%)
- Black (70%)



- Cyan (76%)
- Magenta (95%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E0D4D 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 3E0D4D by changing the saturation by 10% instead.



 3E0D4D

 3E0D4D

 FFF8FF

 270036

 703D7F

 060020

 8A5699

 000004

 A56FB4

 000000

 C189CF

 DDA3EC

 FABFFF

 FFDBFF

 3E0D4D

 3E0D4D

■ 3C054D

■ 40154D

■ 3B004D

■ 421C4D

■ 43244D

■ 452C4D

■ 47334D

■ 493B4D

■ 4B434D

■ 4C4B4D

■ 4E524D

# Harmonies

## Analogous

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



002260



3E0D4D



540030

# Triad

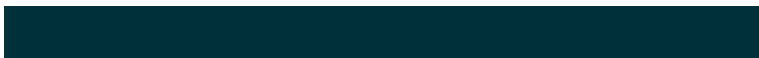
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3E0D4D



372000



00313A

# Complementary

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



3E0D4D



1C4D0D

# 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.



00311A



3E0D4D



1B2A00

# Square

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



3E0D4D



4C0E00



002E00



003055

# Rectangle

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



3E0D4D



58001C



002E00



00312F



# Sweetspot

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



3E0D4D



5E4B63



0D1D4D



2F2433



B3B3B3



333333



# Same Dimension

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



3E0D4D



4C0063



4D0D3D



252226



4E0066



B000E6



# Inverse Universe

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



4D0D1C



630017



0D4D1D



262223



660018

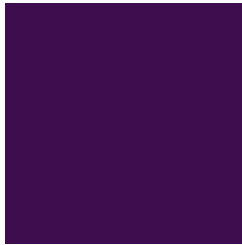


E60036



# Previews

## White Background



This preview shows how the Hex color 3E0D4D looks on a white background.

## Color Contrast Check

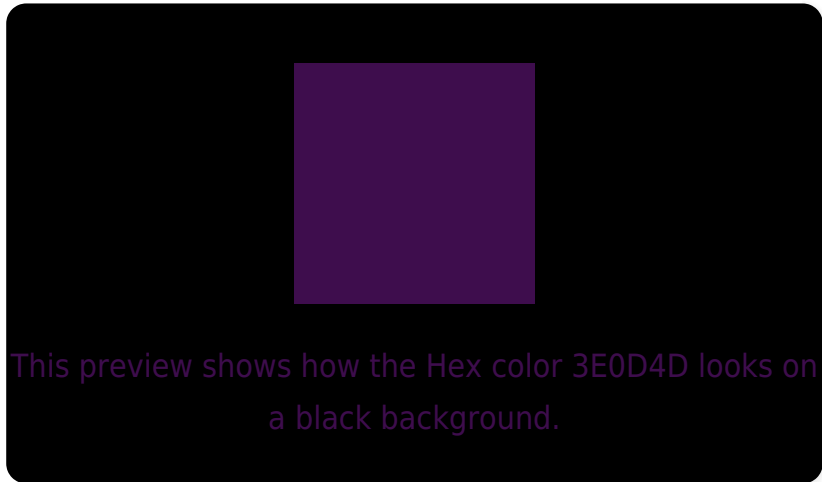
Large Text (above 18pt) WCAG AA ✓ Pass

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

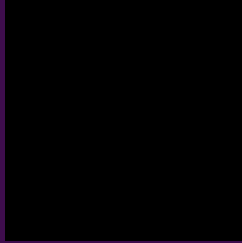
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3E0D4D Background



This preview shows how black text looks on a background with the Hex color 3E0D4D.



This preview shows how white text looks on a background with the Hex color 3E0D4D.

# 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**  
3E0D4D

**Protanopia**  
002650

**Deuteranopia**  
002846



# Trichromacy



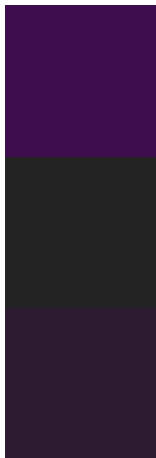
**Original Color**  
3E0D4D

**Protanomaly**  
171D4F

**Deuteranomaly**  
171E49

**Tritanomaly**  
3A1932

# Monochromacy



**Original Color**  
3E0D4D

**Achromatopsia**  
232323

**Achromatomaly**  
2D1B32

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E0D4D 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 #3E0D4D looks like.

```
.text, #text, p{  
    color:#3E0D4D  
}
```

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 #3E0D4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E0D4D
}
```

## Border

The CSS property to change the border of an element to Hex 3E0D4D 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
#3E0D4D }
```

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

```
.border{ border-color:#3E0D4D }
```

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

Here you see how a box with a 4 pixel #3E0D4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E0D4D; -webkit-box-shadow:4px 4px  
4px 4px #3E0D4D; box-shadow:4px 4px 4px  
4px #3E0D4D }
```

# Background

The CSS property to change the background color of an element to Hex 3E0D4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E0D4D }
```

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

```
.background{ background-color:#3E0D4D }
```

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