

# Converting Colors

Hex(3E0454)

Have a look what the booklet for  
Hex(3E0454) contains.

<b>Hex(3E0454)</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(3E0454)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E0454
RGB	62, 4, 84
RGB Percent	24%, 2%, 33%
CMY	0.7569, 0.9843, 0.6706
CMYK	0.26, 0.95, 0.00, 0.67
HSL	284°, 91%, 17%
HSV	284°, 95%, 33%
XYZ	3.6303, 1.7511, 8.5342
YIQ	30.4620, 8.8880, 37.1760

# Conversions

## Conversions Part 2

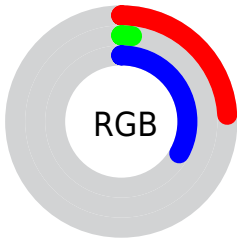
Format	Color
<a href="#">RYB</a>	<a href="#">62, 4, 84</a>
Decimal	<a href="#">4064340</a>
CIELab	<a href="#">14.12, 38.55, -33.66</a>
CIELCh	<a href="#">14, 51.172, 318.875</a>
Yxy	<a href="#">1.7511, 0.2609, 0.1258</a>
Android (android.graphics.Color)	<a href="#">4282254420 (0xFF3E0454)</a>
YUV	<a href="#">30.4620, 26.3942, 27.6588</a>
Hunter-Lab	<a href="#">13.2328, 25.8121, -28.9748</a>

# Details

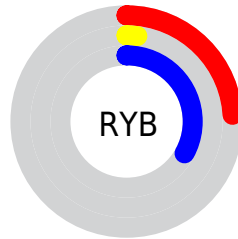
The Hex color **3E0454** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **1A5404**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **713886**, and **050026** is the 20% darker color. If you saturate the color by 10%, you get **3D0054**, and if you desaturate by 10%, it is **400C54**.

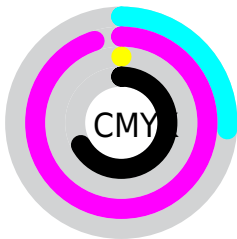
# Distribution



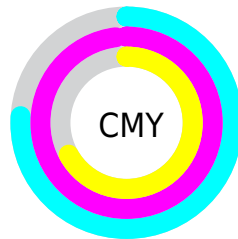
- Red (24%)
- Green (2%)
- Blue (33%)



- Red (24%)
- Yellow (2%)
- Blue (33%)



- Cyan (26%)
- Magenta (95%)
- Yellow (0%)
- Black (67%)



- Cyan (76%)
- Magenta (98%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E0454 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 3E0454 by changing the saturation by 10% instead.




 3E0454

 3E0454

 FFF3FF

 26003C

 713886

 050026

 8C51A1

 00010F

 A76ABC

 000000

 C384D8

 DF9EF5

 FCBAFF

 FFD6FF

 3E0454

 3E0454

■ 3D0054

■ 400C54

■ 431554

■ 451D54

■ 472654

■ 4A2E54

■ 4C3654

■ 4E3F54

■ 504754

■ 535054

# Harmonies

## Analogous

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



00216A



3E0454



590033

# Triad

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



3E0454



391E00



00323A

# Complementary

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



3E0454



1A5404

# 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.



003115



3E0454



182900

# Square

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



3E0454



500200



002E00



00315A

# Rectangle

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



3E0454



5E001B



002E00



00322E



# Sweetspot

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



3E0454



654E6E



041B54



332438



B8B8B8



383838



# Same Dimension

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



3E0454



4F006E



540443



282529



4C0069



A800E8



# Inverse Universe

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



54041A



6E001E



045415



292526



69001D

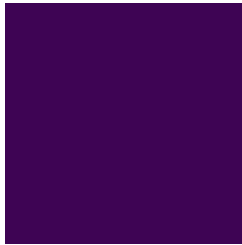


E80040



# Previews

## White Background



This preview shows how the Hex color 3E0454 looks on a white background.

## Color Contrast Check

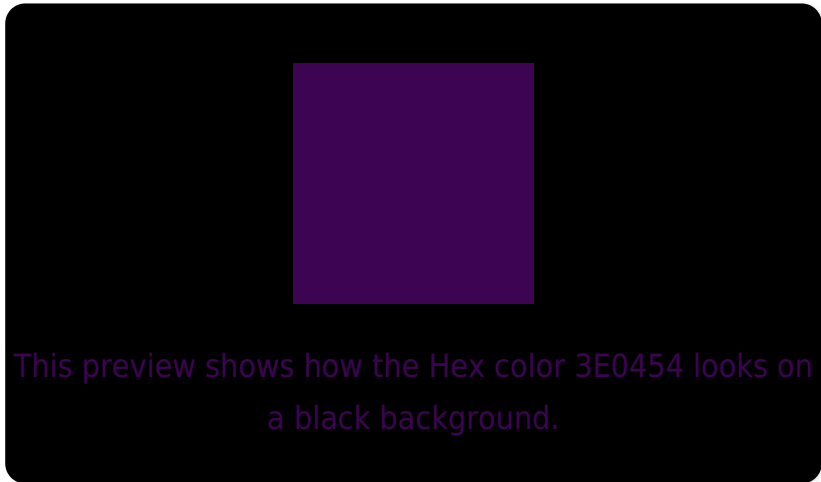
Large Text (above 18pt) WCAG AA ✓ Pass

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

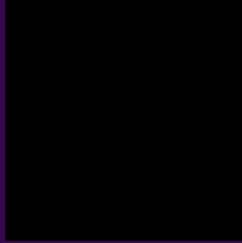
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E0454 Background



This preview shows how black text looks on a background with the Hex color 3E0454.



This preview shows how white text looks on a background with the Hex color 3E0454.

# 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](#).

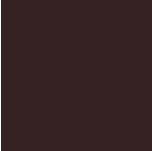
## Dichromacy



**Original Color**  
3E0454

**Protanopia**  
002650

**Deuteranopia**  
002845



**Tritanopia**  
362123

# Trichromacy



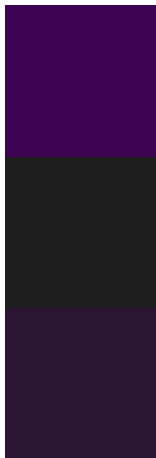
**Original Color**  
3E0454

**Protanomaly**  
171A51

**Deuteranomaly**  
171B4A

**Tritanomaly**  
391635

# Monochromacy



**Original Color**  
3E0454

**Achromatopsia**  
1E1E1E

**Achromatomaly**  
2A1532

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E0454 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 #3E0454 looks like.

```
.text, #text, p{  
    color:#3E0454  
}
```

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 #3E0454 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E0454
}
```

## Border

The CSS property to change the border of an element to Hex 3E0454 is called "border". The border property can be set on classes, ids or directly on the HTML element.

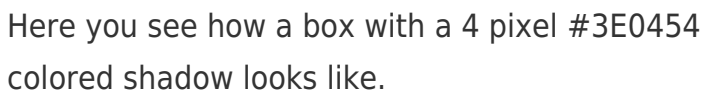
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E0454 }
```

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

```
.border{ border-color:#3E0454 }
```

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



Here you see how a box with a 4 pixel #3E0454 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E0454; -webkit-box-shadow:4px 4px  
4px 4px #3E0454; box-shadow:4px 4px 4px  
4px #3E0454 }
```

# Background

The CSS property to change the background color of an element to Hex 3E0454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E0454 }
```

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

```
.background{ background-color:#3E0454 }
```

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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