

Converting Colors

Hex(3E006E)

Have a look what the booklet for
Hex(3E006E) contains.

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Color

Hex(3E006E)

Conversions

Conversions Part 1

Format	Color
Hex	3E006E
RGB	62, 0, 110
RGB Percent	24%, 0%, 43%
CMY	0.7569, 1.0000, 0.5686
CMYK	0.44, 1.00, 0.00, 0.57
HSL	274°, 100%, 22%
HSV	274°, 100%, 43%
XYZ	4.8011, 2.1499, 14.9138
YIQ	31.0780, 1.6420, 47.3540

Conversions

Conversions Part 2

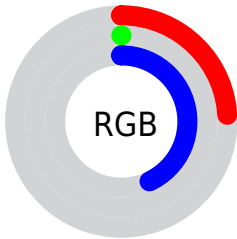
Format	Color
RYB	62, 0, 110
Decimal	4063342
CIELab	16.26, 45.80, -47.48
CIElCh	16, 65.971, 313.965
Yxy	2.1499, 0.2196, 0.0983
Android (android.graphics.Color)	4282253422 (0xFF3E006E)
YUV	31.0780, 38.9085, 27.1186
Hunter-Lab	14.6626, 32.7879, -50.0418

Details

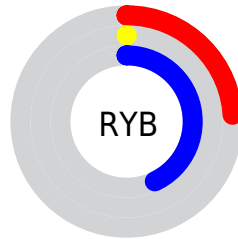
The Hex color **3E006E** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **306E00**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **7438A3**, and **05003D** is the 20% darker color. If you saturate the color by 10%, you get **3E006E**, and if you desaturate by 10%, it is **430B6E**.

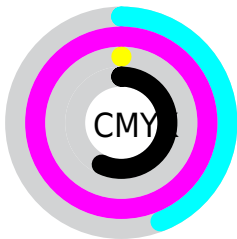
Distribution



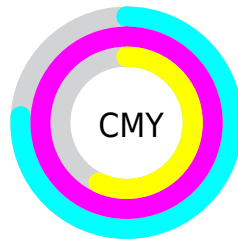
- Red (24%)
- Green (0%)
- Blue (43%)



- Red (24%)
- Yellow (0%)
- Blue (43%)



- Cyan (44%)
- Magenta (100%)
- Yellow (0%)
- Black (57%)



- Cyan (76%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E006E 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 3E006E by changing the saturation by 10% instead.

 3E006E

 3E006E

 FFF5FF

 230055

 7438A3

 05003D

 8F51BE

 000326

 AB6BDA

 00010F

 C785F7

 000000

 E4A0FF

 FFBBFF

 FFD8FF

 3E006E

■ 430B6E

■ 48166E

■ 4C216E

■ 512C6E

■ 56376E

■ 5B426E

■ 604D6E

■ 64586E

■ 69636E

Harmonies

Analogous

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



002987



3E006E



6A0044

Triad

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



3E006E



471C00



00393E

Complementary

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



3E006E



306E00

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.



00380A



3E006E



1E2D00

Square

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



3E006E



640000



003400



00396B

Rectangle

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



3E006E



720025



003400



00392E

Sweetspot

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



3E006E



7C648F



00326E



3C2E47



C7C7C7



474747

Same Dimension

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



3E006E



50008F



6E0069



363238



440078



8B00F7

Inverse Universe

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



6E0030



8F003E



006E05



383235



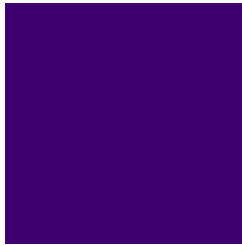
780034



F7006C

Previews

White Background



This preview shows how the Hex color 3E006E looks on a white background.

Color Contrast Check

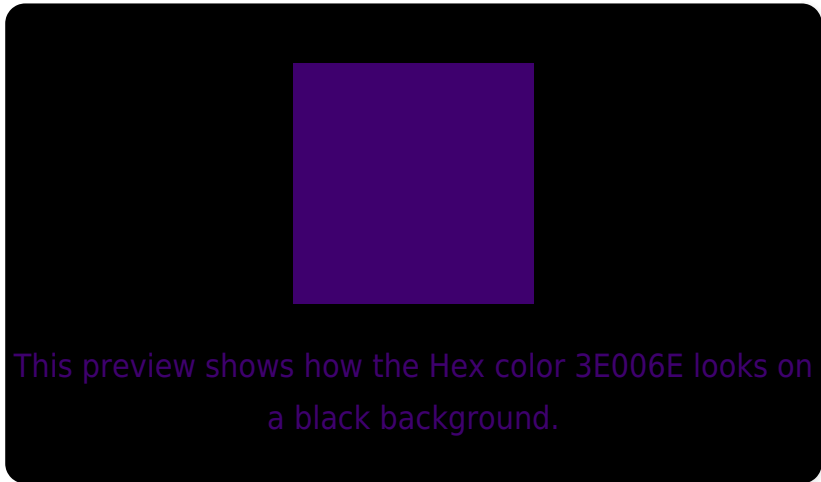
Large Text (above 18pt) WCAG AA ✓ Pass

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

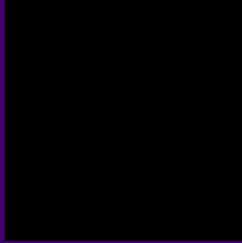
Any Text WCAG AA × Fail

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 3E006E Background



This preview shows how black text looks on a background with the Hex color 3E006E.



This preview shows how white text looks on a background with the Hex color 3E006E.

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
3E006E

Protanopia
002B5A

Deuteranopia
002E4D



Tritanopia
2F2B2E

Trichromacy



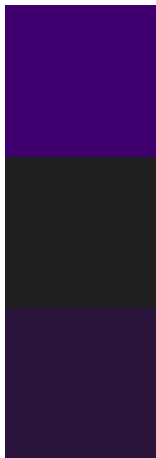
Original Color
3E006E

Protanomaly
171B61

Deuteranomaly
171D59

Tritanomaly
341B45

Monochromacy



Original Color
3E006E

Achromatopsia
1F1F1F

Achromatomaly
2A143C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E006E 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 #3E006E looks like.

```
.text, #text, p{  
    color:#3E006E  
}
```

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 #3E006E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E006E
}
```

Border

The CSS property to change the border of an element to Hex 3E006E is called "border". The border property can be set on classes, ids or directly on the HTML element.

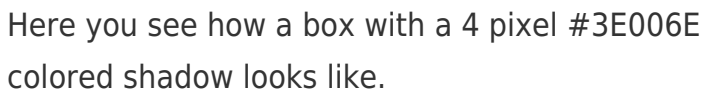
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E006E }
```

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

```
.border{ border-color:#3E006E }
```

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



Here you see how a box with a 4 pixel #3E006E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E006E; -webkit-box-shadow:4px 4px  
4px 4px #3E006E; box-shadow:4px 4px 4px  
4px #3E006E }
```

Background

The CSS property to change the background color of an element to Hex 3E006E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E006E }
```

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

```
.background{ background-color:#3E006E }
```

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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