

Converting Colors

Hex(3E0145)

Have a look what the booklet for
Hex(3E0145) contains.

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Color

Hex(3E0145)

Conversions

Conversions Part 1

Format	Color
Hex	3E0145
RGB	62, 1, 69
RGB Percent	24%, 0%, 27%
CMY	0.7569, 0.9961, 0.7294
CMYK	0.10, 0.99, 0.00, 0.73
HSL	294°, 97%, 14%
HSV	294°, 99%, 27%
XYZ	3.0716, 1.4755, 5.7531
YIQ	26.9910, 14.5280, 34.0800

Conversions

Conversions Part 2

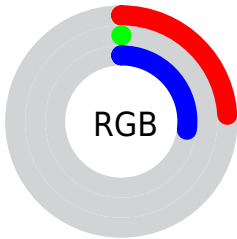
Format	Color
RYB	62, 1, 69
Decimal	4063557
CIELab	12.45, 36.63, -25.99
CIElCh	12, 44.914, 324.636
Yxy	1.4755, 0.2982, 0.1432
Android (android.graphics.Color)	4282253637 (0xFF3E0145)
YUV	26.9910, 20.7104, 30.7029
Hunter-Lab	12.1471, 23.8801, -19.5782

Details

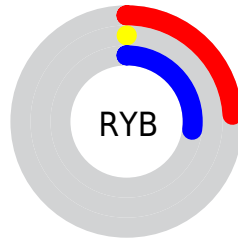
The Hex color **3E0145** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **084501**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **703576**, and **000019** is the 20% darker color. If you saturate the color by 10%, you get **3E0045**, and if you desaturate by 10%, it is **3F0845**.

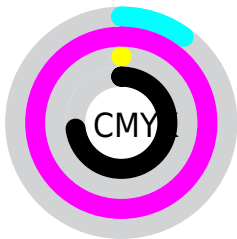
Distribution



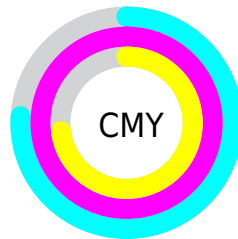
- Red (24%)
- Green (0%)
- Blue (27%)



- Red (24%)
- Yellow (0%)
- Blue (27%)



- Cyan (10%)
- Magenta (99%)
- Yellow (0%)
- Black (73%)



- Cyan (76%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E0145 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 3E0145 by changing the saturation by 10% instead.

 3E0145

 3E0145

 FFEFFF

 28002F

 703576

 000019

 8B4D90

 000000

 A666AA

 C280C6

 DE9BE2

 FBB6FF

 FFD2FF

 3E0145

 3E0145

■ 3E0045

■ 3F0845

■ 3F0F45

■ 401645

■ 411D45

■ 422345

■ 422A45

■ 433145

■ 443845

■ 443F45

Harmonies

Analogous

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



001B5A



3E0145



510027

Triad

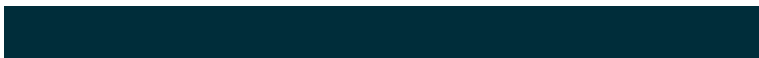
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3E0145



2E1E00



002D3A

Complementary

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



3E0145



084501

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.



002D1A



3E0145



0F2600

Square

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



3E0145



440B00



002A00



002C54

Rectangle

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



3E0145



530013



002A00



002D2F

Sweetspot

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



3E0145



563E59



010945



2C1D2E



ADADAD



2E2E2E

Same Dimension

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



3E0145



500059



45012B



232024



590063



CC00E3

Inverse Universe

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



450108



590009



01451B



242020



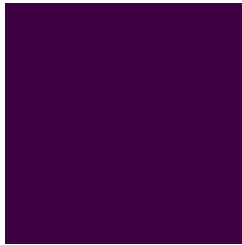
63000A



E30017

Previews

White Background



This preview shows how the Hex color 3E0145 looks on a white background.

Color Contrast Check

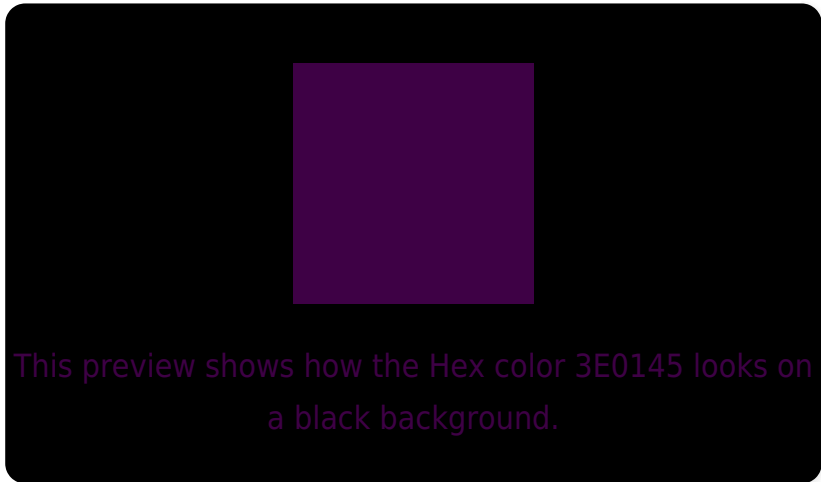
Large Text (above 18pt) WCAG AA ✓ Pass

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

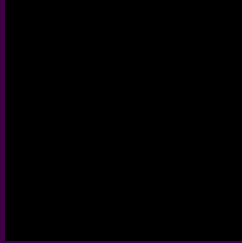
Any Text WCAG AA × Fail

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 3E0145 Background



This preview shows how black text looks on a background with the Hex color 3E0145.



This preview shows how white text looks on a background with the Hex color 3E0145.

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
3E0145

Protanopia
00234B

Deuteranopia
0B2541



Tritanopia
391B1D

Trichromacy



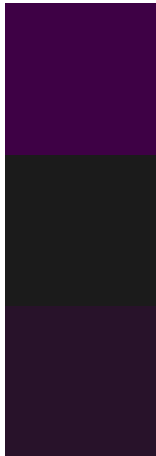
Original Color
3E0145

Protanomaly
171749

Deuteranomaly
1E1842

Tritanomaly
3B122C

Monochromacy



Original Color
3E0145

Achromatopsia
1B1B1B

Achromatomaly
28122A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E0145 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 #3E0145 looks like.

```
.text, #text, p{  
    color:#3E0145  
}
```

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 #3E0145 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E0145
}
```

Border

The CSS property to change the border of an element to Hex 3E0145 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
#3E0145 }
```

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

```
.border{ border-color:#3E0145 }
```

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

Here you see how a box with a 4 pixel #3E0145 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E0145; -webkit-box-shadow:4px 4px  
4px 4px #3E0145; box-shadow:4px 4px 4px  
4px #3E0145 }
```

Background

The CSS property to change the background color of an element to Hex 3E0145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E0145 }
```

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

```
.background{ background-color:#3E0145 }
```

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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