

Converting Colors

Hex(0E0070)

Have a look what the booklet for
Hex(0E0070) contains.

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Color

Hex(0E0070)

Conversions

Conversions Part 1

Format	Color
Hex	0E0070
RGB	14, 0, 112
RGB Percent	5%, 0%, 44%
CMY	0.9451, 1.0000, 0.5608
CMYK	0.87, 1.00, 0.00, 0.56
HSL	248°, 100%, 22%
HSV	248°, 100%, 44%
XYZ	3.1057, 1.2632, 15.4094
YIQ	16.9540, -27.6080, 37.8000

Conversions

Conversions Part 2

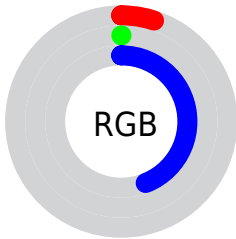
Format	Color
R_{YB}	14, 0, 112
Decimal	917616
CIE Lab	11.02, 43.40, -57.65
CIE LCh	11, 72.158, 306.977
Yxy	1.2632, 0.1570, 0.0639
Android (android.graphics.Color)	4279107696 (0xFF0E0070)
YUV	16.9540, 46.8577, -2.5907
Hunter-Lab	11.2393, 29.6559, -73.4208

Details

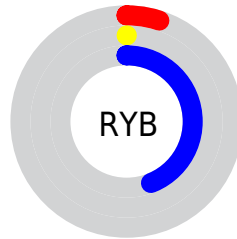
The Hex color **0E0070** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **627000**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **5231A5**, and **00033E** is the 20% darker color. If you saturate the color by 10%, you get **0E0070**, and if you desaturate by 10%, it is **180B70**.

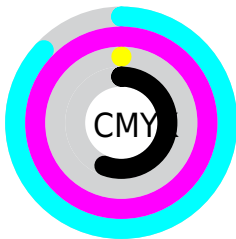
Distribution



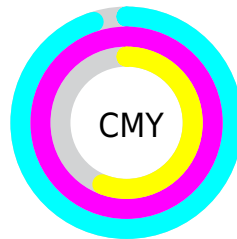
- Red (5%)
- Green (0%)
- Blue (44%)



- Red (5%)
- Yellow (0%)
- Blue (44%)



- Cyan (87%)
- Magenta (100%)
- Yellow (0%)
- Black (56%)



- Cyan (95%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E0070 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 0E0070 by changing the saturation by 10% instead.

 0E0070

 0E0070

 FFE9FF

 000057

 5231A5

 00033E

 6E49C1

 000328

 8A61DD

 000111

 A77BFA

 000000

 C495FF

 E1B1FF

 FFCCFF

 0E0070

■ 180B70

■ 221670

■ 2B2270

■ 352D70

■ 3F3870

■ 494370

■ 534E70

■ 5C5A70

■ 666570

Harmonies

Analogous

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



002585



0E0070



5A0045

Triad

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



0E0070



420500



002B29

Complementary

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



0E0070



627000

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.



002B00



0E0070



1C2000

Square

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



0E0070



5D0000



002A00



002E5A

Rectangle

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



0E0070



670025



002A00



002B17

Sweetspot

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



0E0070



6B6691



006370



332F4A



C9C9C9



4A4A4A

Same Dimension

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



0E0070



120091



450070



333238



0F0078



1F00F7

Inverse Universe

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



700062



91007F



2B7000



383237



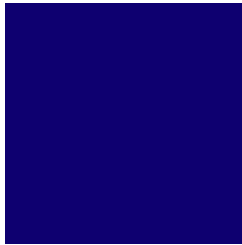
780069



F700D8

Previews

White Background



This preview shows how the Hex color 0E0070 looks on a white background.

Color Contrast Check

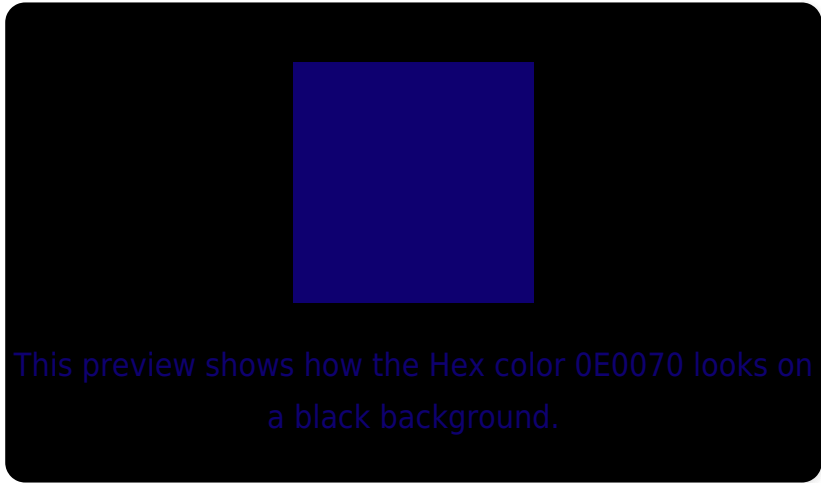
Large Text (above 18pt) WCAG AA ✓ Pass

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

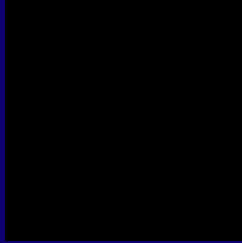
Any Text WCAG AA × Fail

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 0E0070 Background



This preview shows how black text looks on a background with the Hex color 0E0070.



This preview shows how white text looks on a background with the Hex color 0E0070.

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
0E0070

Protanopia
002146

Deuteranopia
00233B

Trichromacy



Original Color
0E0070

Protanomaly
051555

Deuteranomaly
05164E

Tritanomaly
051842

Monochromacy



Original Color
0E0070

Achromatopsia
111111

Achromatomaly
100B34

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E0070 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 #0E0070 looks like.

```
.text, #text, p{  
    color:#0E0070  
}
```

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 #0E0070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E0070
}
```

Border

The CSS property to change the border of an element to Hex 0E0070 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
#0E0070 }
```

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

```
.border{ border-color:#0E0070 }
```

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

Here you see how a box with a 4 pixel #0E0070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E0070; -webkit-box-shadow:4px 4px  
4px 4px #0E0070; box-shadow:4px 4px 4px  
4px #0E0070 }
```

Background

The CSS property to change the background color of an element to Hex 0E0070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E0070 }
```

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

```
.background{ background-color:#0E0070 }
```

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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