

Converting Colors

Hex(0E0022)

Have a look what the booklet for
Hex(0E0022) contains.

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Color

Hex(0E0022)

Conversions

Conversions Part 1

Format	Color
Hex	0E0022
RGB	14, 0, 34
RGB Percent	5%, 0%, 13%
CMY	0.9451, 1.0000, 0.8667
CMYK	0.59, 1.00, 0.00, 0.87
HSL	265°, 100%, 7%
HSV	265°, 100%, 13%
XYZ	0.4698, 0.2089, 1.5289
YIQ	8.0620, -2.5700, 13.5420

Conversions

Conversions Part 2

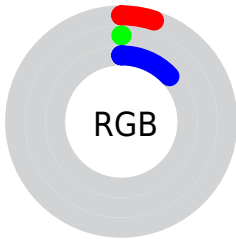
Format	Color
RYB	14, 0, 34
Decimal	917538
CIELab	1.89, 11.11, -17.41
CIELCh	2, 20.657, 302.551
Yxy	0.2089, 0.2128, 0.0946
Android (android.graphics.Color)	4279107618 (0xFF0E0022)
YUV	8.0620, 12.7874, 5.2076
Hunter-Lab	4.5701, 10.3535, -16.6365

Details

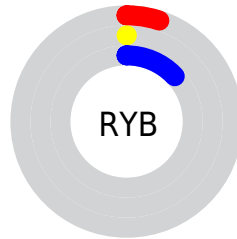
The Hex color **0E0022** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **142200**, and the grayscale version is **080808**.

A 20% lighter version of the original color is **37304E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0E0022**, and if you desaturate by 10%, it is **100322**.

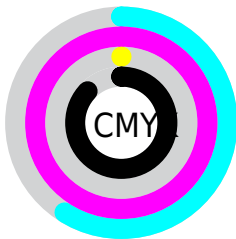
Distribution



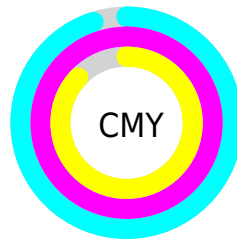
- Red (5%)
- Green (0%)
- Blue (13%)



- Red (5%)
- Yellow (0%)
- Blue (13%)



- Cyan (59%)
- Magenta (100%)
- Yellow (0%)
- Black (87%)



- Cyan (95%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E0022 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 0E0022 by changing the saturation by 10% instead.

 0E0022

 0E0022

 EEE2FF

 000008

 37304E

 000000

 4F4666

 675E7F

 807799

 9B90B4

 B6ABD0

 D1C6EC

 0E0022

■ 100322

■ 120722

■ 140A22

■ 160E22

■ 181122

■ 1A1422

■ 1C1822

■ 1E1B22

■ 201F22

Harmonies

Analogous

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



000826



0E0022



1E0018

Triad

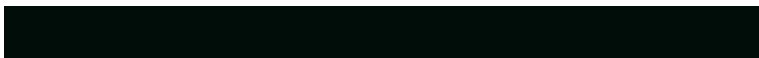
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0E0022



1B0000



000D09

Complementary

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



0E0022



142200

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.



000D00



0E0022



080700

Square

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



0E0022



230000



000D00



000E1A

Rectangle

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



0E0022



24000E



000D00

Sweetspot

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



0E0022



241E2B



001422



120F17



969696



171717

Same Dimension

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



0E0022



12002B



1F0022



111012



220052



5600D1

Inverse Universe

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



220014



2B0019



032200



121011



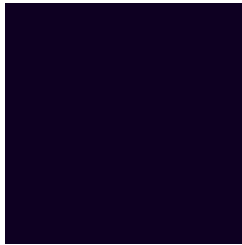
520030



D1007B

Previews

White Background



This preview shows how the Hex color 0E0022 looks on a white background.

Color Contrast Check

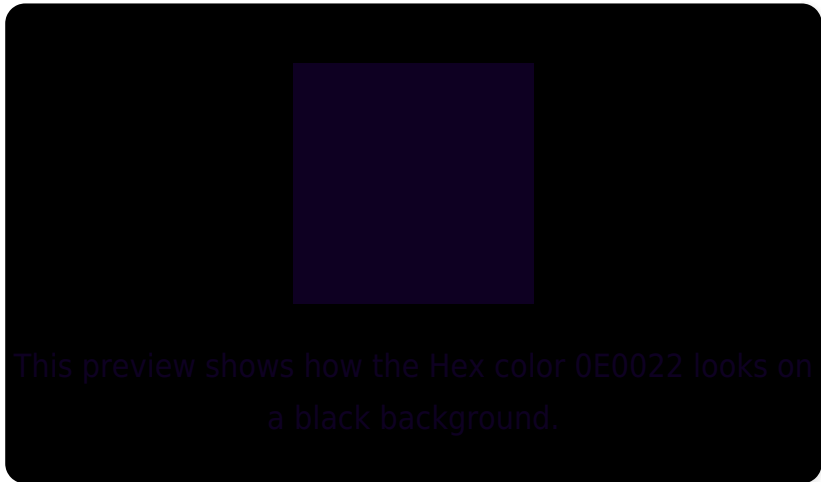
Large Text (above 18pt) WCAG AA ✓ Pass

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

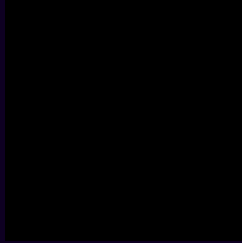
Any Text WCAG AA × Fail

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 0E0022 Background



This preview shows how black text looks on a background with the Hex color 0E0022.



This preview shows how white text looks on a background with the Hex color 0E0022.

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](#).

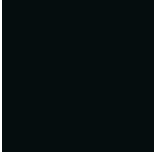
Dichromacy



Original Color
0E0022

Protanopia
000C19

Deuteranopia
000D15



Tritanopia
050D0E

Trichromacy



Original Color

0E0022

Protanomaly

05081C

Deuteranomaly

05081A

Tritanomaly

080815

Monochromacy



Original Color

0E0022

Achromatopsia

080808

Achromatomaly

0A0511

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E0022 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 #0E0022 looks like.

```
.text, #text, p{  
    color:#0E0022  
}
```

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 #0E0022 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E0022
}
```

Border

The CSS property to change the border of an element to Hex 0E0022 is called "border". The border property can be set on classes, ids or directly on the HTML element.

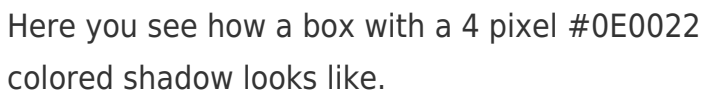
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0E0022 }
```

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

```
.border{ border-color:#0E0022 }
```

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



Here you see how a box with a 4 pixel #0E0022 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E0022; -webkit-box-shadow:4px 4px  
4px 4px #0E0022; box-shadow:4px 4px 4px  
4px #0E0022 }
```

Background

The CSS property to change the background color of an element to Hex 0E0022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E0022 }
```

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

```
.background{ background-color:#0E0022 }
```

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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