

Converting Colors

Hex(0E0066)

Have a look what the booklet for
Hex(0E0066) contains.

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Color

Hex(0E0066)

Conversions

Conversions Part 1

Format	Color
Hex	0E0066
RGB	14, 0, 102
RGB Percent	5%, 0%, 40%
CMY	0.9451, 1.0000, 0.6000
CMYK	0.86, 1.00, 0.00, 0.60
HSL	248°, 100%, 20%
HSV	248°, 100%, 40%
XYZ	2.5794, 1.0527, 12.6376
YIQ	15.8140, -24.3980, 34.6900

Conversions

Conversions Part 2

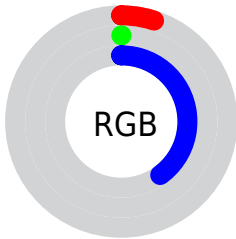
Format	Color
R_{YB}	14, 0, 102
Decimal	917606
CIE Lab	9.42, 40.67, -53.73
CIE LCh	9, 67.386, 307.128
Yxy	1.0527, 0.1585, 0.0647
Android (android.graphics.Color)	4279107686 (0xFF0E0066)
YUV	15.8140, 42.4897, -1.5909
Hunter-Lab	10.2600, 26.9203, -65.8478

Details

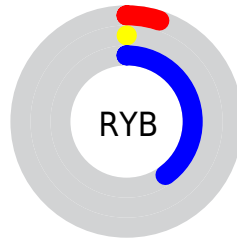
The Hex color **0E0066** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **586600**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **4F2F9A**, and **000535** is the 20% darker color. If you saturate the color by 10%, you get **0E0066**, and if you desaturate by 10%, it is **170A66**.

Distribution



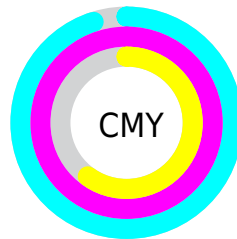
- Red (5%)
- Green (0%)
- Blue (40%)



- Red (5%)
- Yellow (0%)
- Blue (40%)



- Cyan (86%)
- Magenta (100%)
- Yellow (0%)
- Black (60%)



- Cyan (95%)
- Magenta (100%)
- Yellow (60%)
- Black (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E0066 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 0E0066 by changing the saturation by 10% instead.

 0E0066

 0E0066


 FFE6FF

 00004D

 4F2F9A

 000535

 6A47B6

 00021F

 865FD2

 000002

 A279EE

 000000

 BF93FF

 DCAEFF

 F9CAFF

 0E0066

■ 170A66

■ 201466

■ 281F66

■ 312966

■ 3A3366

■ 433D66

■ 4C4766

■ 545266

■ 5D5C66

Harmonies

Analogous

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



00217A



0E0066



52003F

Triad

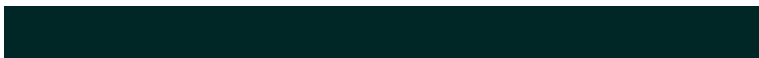
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0E0066



3C0400



002725

Complementary

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



0E0066



586600

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.



002600



0E0066



181D00

Square

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



0E0066



550000



002600



002A52

Rectangle

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



0E0066



5E0021



002600



002715

Sweetspot

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



0E0066



625D85



005866



2E2A42



C2C2C2



424242

Same Dimension

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



0E0066



120085



410066



2F2E33



100073



2100F2

Inverse Universe

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



660058



850072



256600



332E32



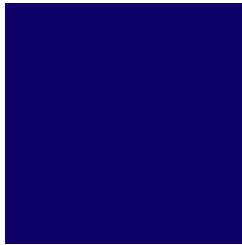
730063



F200D1

Previews

White Background



This preview shows how the Hex color 0E0066 looks on a white background.

Color Contrast Check

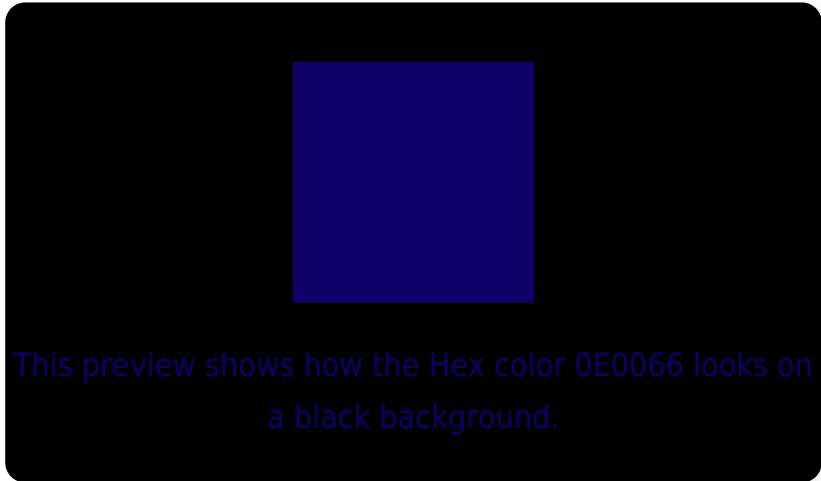
Large Text (above 18pt) WCAG AA ✓ Pass

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

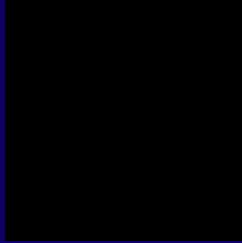
Any Text WCAG AA × Fail

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 0E0066 Background



This preview shows how black text looks on a background with the Hex color 0E0066.



This preview shows how white text looks on a background with the Hex color 0E0066.

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
0E0066

Protanopia
001E40

Deuteranopia
002036

Trichromacy



Original Color
0E0066

Protanomaly
05134E

Deuteranomaly
051447

Tritanomaly
05163C

Monochromacy



Original Color
0E0066

Achromatopsia
101010

Achromatomaly
0F0A2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E0066 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 #0E0066 looks like.

```
.text, #text, p{  
    color:#0E0066  
}
```

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 #0E0066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E0066
}
```

Border

The CSS property to change the border of an element to Hex 0E0066 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
#0E0066 }
```

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

```
.border{ border-color:#0E0066 }
```

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

Here you see how a box with a 4 pixel #0E0066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E0066; -webkit-box-shadow:4px 4px  
4px 4px #0E0066; box-shadow:4px 4px 4px  
4px #0E0066 }
```

Background

The CSS property to change the background color of an element to Hex 0E0066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E0066 }
```

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

```
.background{ background-color:#0E0066 }
```

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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