

Converting Colors

Hex(006E10)

Have a look what the booklet for
Hex(006E10) contains.

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Color

Hex(006E10)

Conversions

Conversions Part 1

Format	Color
Hex	006E10
RGB	0, 110, 16
RGB Percent	0%, 43%, 6%
CMY	1.0000, 0.5686, 0.9373
CMYK	1.00, 0.00, 0.85, 0.57
HSL	129°, 100%, 22%
HSV	129°, 100%, 43%
XYZ	5.6695, 11.1893, 2.3511
YIQ	66.3940, -35.3860, -52.5540

Conversions

Conversions Part 2

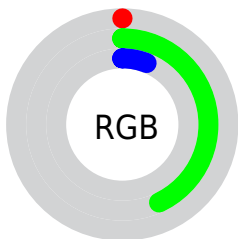
Format	Color
RYB	0, 96, 110
Decimal	28176
CIELab	39.90, -45.58, 40.68
CIELCh	40, 61.092, 138.248
Yxy	11.1893, 0.2951, 0.5825
Android (android.graphics.Color)	4278218256 (0xFF006E10)
YUV	66.3940, -24.8442, -58.2275
Hunter-Lab	33.4504, -28.2844, 19.2479

Details

The Hex color **006E10** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6E005E**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **4BA344**, and **003D00** is the 20% darker color. If you saturate the color by 10%, you get **006E10**, and if you desaturate by 10%, it is **0B6E19**.

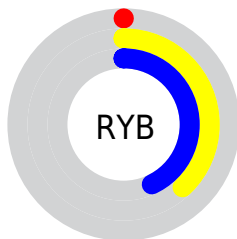
Distribution



Red (0%)

Green (43%)

Blue (6%)



Red (0%)

Yellow (38%)

Blue (43%)

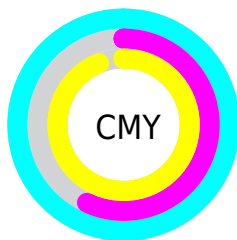


Cyan (100%)

Magenta (0%)

Yellow (85%)

Black (57%)



Cyan (100%)

Magenta (57%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006E10 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 006E10 by changing the saturation by 10% instead.

 006E10

 006E10

FFFFFF

 005500

 4BA344

 003D00

 67BE5D

 002800

 83DA77

 000000

 9FF791

 BBFFAD

 D8FFC8

 F6FFE5

 006E10

 0B6E19

 166E23

 216E2C

 2C6E36

 376E3F

 426E48

 4D6E52

 586E5B

 636E65

Harmonies

Analogous

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



566500



006E10



007248

Triad

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



006E10



006AC1



B42242

Complementary

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



006E10



6E005E

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.



AC2374



006E10



1C5ABE

Square

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



006E10



0072A8



8540A1



A43D11

Rectangle

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



006E10



00746B



8540A1



B41D53

Sweetspot

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



006E10



648F6A



5F6E00



2E4731



C7C7C7



474747

Same Dimension

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



006E10



008F15



006E46



323833



007811



00F724

Inverse Universe

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



6E005E



8F007A



6E0028



383237



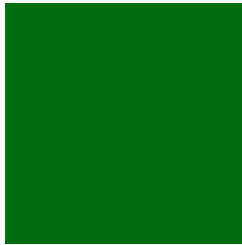
780066



F700D3

Previews

White Background



This preview shows how the Hex color 006E10 looks on a white background.

Color Contrast Check

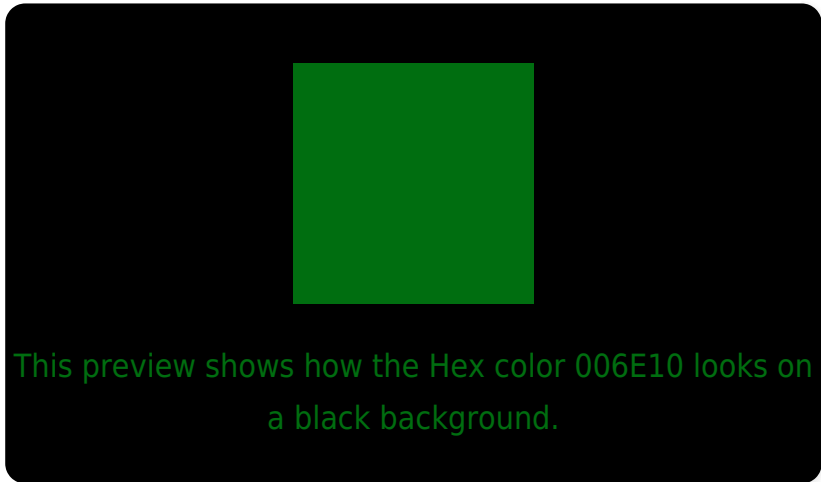
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 006E10 Background



This preview shows how black text looks on a background with the Hex color 006E10.



This preview shows how white text looks on a background with the Hex color 006E10.

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
006E10

Protanopia
6A5E0B

Deuteranopia
76591C



Tritanopia
2E666F

Trichromacy



Original Color

006E10



Protanomaly

43640D



Deuteranomaly

4B6118



Tritanomaly

1D694C

Monochromacy



Original Color

006E10



Achromatopsia

424242



Achromatomaly

2A5230

CSS Examples

Text

The CSS property to change the color of the text to Hex 006E10 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 #006E10 looks like.

```
.text, #text, p{  
    color:#006E10  
}
```

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 #006E10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006E10
}
```

Border

The CSS property to change the border of an element to Hex 006E10 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
#006E10 }
```

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

```
.border{ border-color:#006E10 }
```

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

Here you see how a box with a 4 pixel #006E10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006E10; -webkit-box-shadow:4px 4px  
4px 4px #006E10; box-shadow:4px 4px 4px  
4px #006E10 }
```

Background

The CSS property to change the background color of an element to Hex 006E10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006E10 }
```

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

```
.background{ background-color:#006E10 }
```

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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