

Converting Colors

Hex(006B10)

Have a look what the booklet for
Hex(006B10) contains.

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Color

Hex(006B10)

Conversions

Conversions Part 1

Format	Color
Hex	006B10
RGB	0, 107, 16
RGB Percent	0%, 42%, 6%
CMY	1.0000, 0.5804, 0.9373
CMYK	1.00, 0.00, 0.85, 0.58
HSL	129°, 100%, 21%
HSV	129°, 100%, 42%
XYZ	5.3512, 10.5528, 2.2451
YIQ	64.6330, -34.5610, -50.9850

Conversions

Conversions Part 2

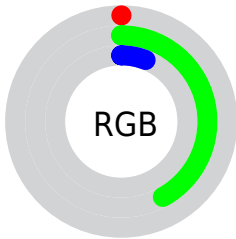
Format	Color
RYB	0, 93, 107
Decimal	27408
CIELab	38.82, -44.64, 39.67
CIELCh	39, 59.722, 138.377
Yxy	10.5528, 0.2948, 0.5815
Android (android.graphics.Color)	4278217488 (0xFF006B10)
YUV	64.6330, -23.9761, -56.6831
Hunter-Lab	32.4851, -27.4448, 18.6420

Details

The Hex color **006B10** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6B005B**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **4AA043**, and **003A00** is the 20% darker color. If you saturate the color by 10%, you get **006B10**, and if you desaturate by 10%, it is **0B6B19**.

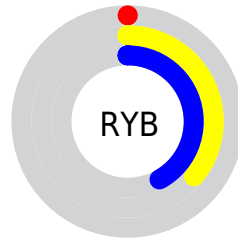
Distribution



Red (0%)

Green (42%)

Blue (6%)



Red (0%)

Yellow (36%)

Blue (42%)

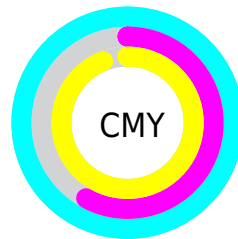


Cyan (100%)

Magenta (0%)

Yellow (85%)

Black (58%)



Cyan (100%)

Magenta (58%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006B10 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 006B10 by changing the saturation by 10% instead.

 006B10

 006B10

FFFFFF

 005200

 4AA043

 003A00

 66BB5D

 002500

 81D776

 000000

 9DF491

 BAFFAC

 D7FFC8

 F4FFE4

 006B10

 0B6B19

 156B22

 206B2B

 2B6B34

 366B3E

 406B47

 4B6B50

 566B59

 606B62

Harmonies

Analogous

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



536200



006B10



006F46

Triad

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



006B10



0067BB



AF2140

Complementary

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



006B10



6B005B

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.



A72270



006B10



1D57B9

Square

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



006B10



006EA4



813E9D



9F3B10

Rectangle

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



006B10



007068



813E9D



AF1C50

Sweetspot

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



006B10



628C68



5D6B00



2E4732



C7C7C7



474747

Same Dimension

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



006B10



008C15



006B44



303631



007512



00F525

Inverse Universe

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



6B005B



8C0077



6B0027



363035



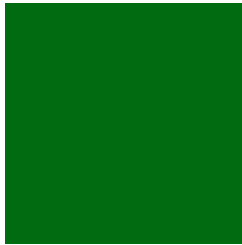
750064



F500D0

Previews

White Background



This preview shows how the Hex color 006B10 looks on a white background.

Color Contrast Check

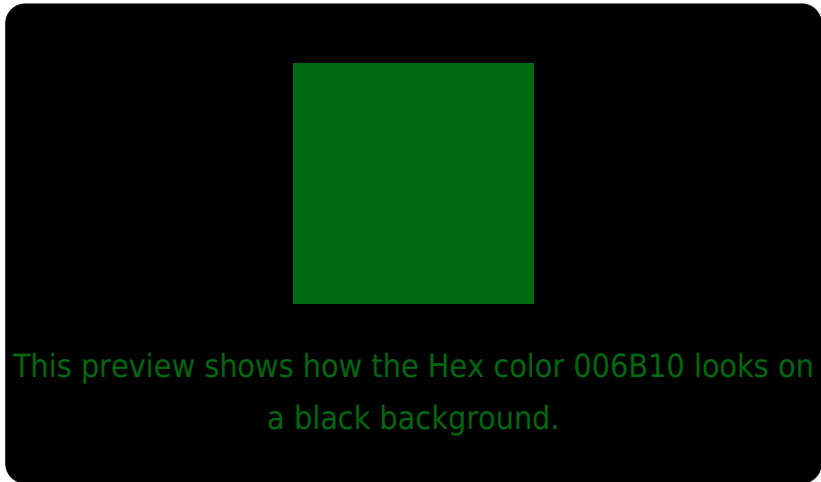
Large Text (above 18pt) WCAG AA ✓ Pass

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 006B10 Background



This preview shows how black text looks on a background with the Hex color 006B10.



This preview shows how white text looks on a background with the Hex color 006B10.

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
006B10

Protanopia
675C0B

Deuteranopia
73571C



Tritanopia
2D646C

Trichromacy



Original Color
006B10



Protanomaly
42610D



Deuteranomaly
495E18



Tritanomaly
1D674B

Monochromacy



Original Color
006B10



Achromatopsia
414141



Achromatomaly
29502F

CSS Examples

Text

The CSS property to change the color of the text to Hex 006B10 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 #006B10 looks like.

```
.text, #text, p{  
    color:#006B10  
}
```

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 #006B10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006B10
}
```

Border

The CSS property to change the border of an element to Hex 006B10 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
#006B10 }
```

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

```
.border{ border-color:#006B10 }
```

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

Here you see how a box with a 4 pixel #006B10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006B10; -webkit-box-shadow:4px 4px  
4px 4px #006B10; box-shadow:4px 4px 4px  
4px #006B10 }
```

Background

The CSS property to change the background color of an element to Hex 006B10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006B10 }
```

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

```
.background{ background-color:#006B10 }
```

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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