

# Converting Colors

Hex(006B14)

Have a look what the booklet for  
Hex(006B14) contains.

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**Color**

**Hex(006B14)**

# Conversions

## Conversions Part 1

Format	Color
Hex	006B14
RGB	0, 107, 20
RGB Percent	0%, 42%, 8%
CMY	1.0000, 0.5804, 0.9216
CMYK	1.00, 0.00, 0.81, 0.58
HSL	131°, 100%, 21%
HSV	131°, 100%, 42%
XYZ	5.3840, 10.5659, 2.4175
YIQ	65.0890, -35.8450, -49.7410

# Conversions

## Conversions Part 2

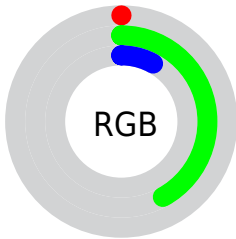
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 90, 107
Decimal	27412
CIELab	38.84, -44.35, 38.34
CIELCh	39, 58.626, 139.159
Yxy	10.5659, 0.2931, 0.5753
Android (android.graphics.Color)	4278217492 (0xFF006B14)
YUV	65.0890, -22.2289, -57.0831
Hunter-Lab	32.5052, -27.3185, 18.3441

# Details

The Hex color **006B14** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6B0057**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **49A046**, and **003A00** is the 20% darker color. If you saturate the color by 10%, you get **006B14**, and if you desaturate by 10%, it is **0B6B1D**.

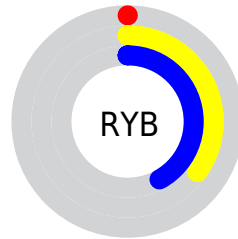
# Distribution



Red (0%)

Green (42%)

Blue (8%)



Red (0%)

Yellow (35%)

Blue (42%)

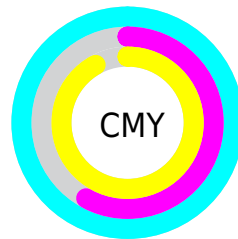


Cyan (100%)

Magenta (0%)

Yellow (81%)

Black (58%)



Cyan (100%)

Magenta (58%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 006B14 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 006B14 by changing the saturation by 10% instead.



 006B14

 006B14

FFFFFF

 005200

 49A046

 003A00

 65BB5F

 002500

 81D779

 000000

 9DF493

 B9FFAF

 D6FFCA

 F4FFE7

 006B14

 0B6B1D

 156B25

 206B2E

 2B6B37

 366B40

 406B48

 4B6B51

 566B5A

 606B62

# Harmonies

## Analogous

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



536200



006B14



006F48

# Triad

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



006B14



0066BA



AD243F

# Complementary

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



006B14



6B0057

# 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.



A6246F



006B14



2757B6

# Square

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



006B14



006EA3



823E9A



9E3D11

# Rectangle

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



006B14



007069



823E9A



AE1F4F



# Sweetspot

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



006B14



628C6A



576B00



2E4733



C7C7C7



474747



# Same Dimension

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



006B14



008C1A



006B49



303631



007516



00F52E



# Inverse Universe

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



6B0057



8C0072



6B0022



363035



75005F

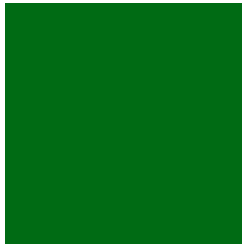


F500C7



# Previews

## White Background



This preview shows how the Hex color 006B14 looks on a white background.

## Color Contrast Check

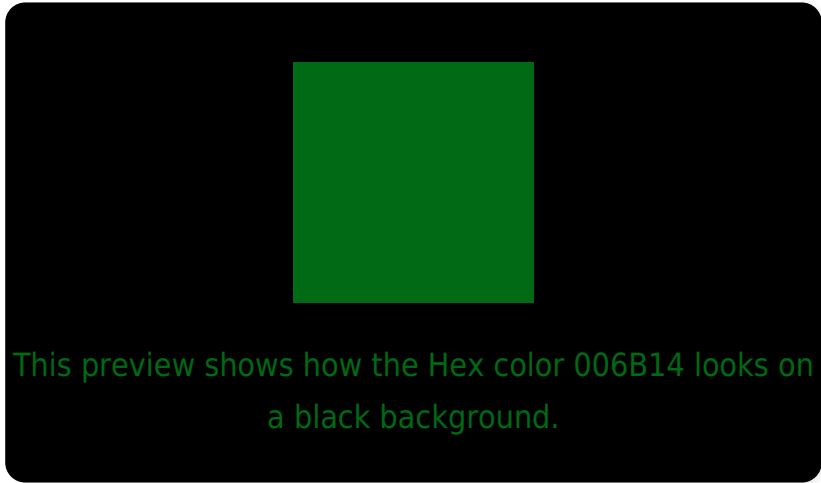
Large Text (above 18pt) WCAG AA ✓ Pass

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

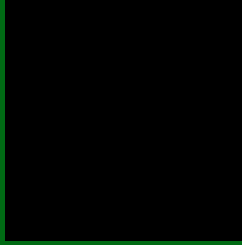
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 006B14 Background



This preview shows how black text looks on a background with the Hex color 006B14.



This preview shows how white text looks on a background with the Hex color 006B14.

# 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**  
006B14

**Protanopia**  
675C10

**Deuteranopia**  
72571E



**Tritanopia**  
2C646C

# Trichromacy



**Original Color**  
006B14



**Protanomaly**  
426111



**Deuteranomaly**  
495E1A

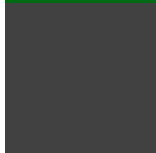


**Tritanomaly**  
1C674C

# Monochromacy



**Original Color**  
006B14



**Achromatopsia**  
414141



**Achromatomaly**  
295031

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 006B14 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 #006B14 looks like.

```
.text, #text, p{  
    color:#006B14  
}
```

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 #006B14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006B14
}
```

## Border

The CSS property to change the border of an element to Hex 006B14 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
#006B14 }
```

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

```
.border{ border-color:#006B14 }
```

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

Here you see how a box with a 4 pixel #006B14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006B14; -webkit-box-shadow:4px 4px  
4px 4px #006B14; box-shadow:4px 4px 4px  
4px #006B14 }
```

# Background

The CSS property to change the background color of an element to Hex 006B14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006B14 }
```

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

```
.background{ background-color:#006B14 }
```

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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