

Converting Colors

Hex(006108)

Have a look what the booklet for
Hex(006108) contains.

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Color

Hex(006108)

Conversions

Conversions Part 1

Format	Color
Hex	006108
RGB	0, 97, 8
RGB Percent	0%, 38%, 3%
CMY	1.0000, 0.6196, 0.9686
CMYK	1.00, 0.00, 0.92, 0.62
HSL	125°, 100%, 19%
HSV	125°, 100%, 38%
XYZ	4.3185, 8.5669, 1.6557
YIQ	57.8510, -29.2430, -48.2430

Conversions

Conversions Part 2

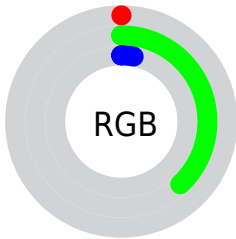
Format	Color
RYB	0, 90, 97
Decimal	24840
CIELab	35.14, -42.00, 38.62
CIELCh	35, 57.055, 137.403
Yxy	8.5669, 0.2970, 0.5892
Android (android.graphics.Color)	4278214920 (0xFF006108)
YUV	57.8510, -24.5765, -50.7353
Hunter-Lab	29.2693, -24.8846, 17.1346

Details

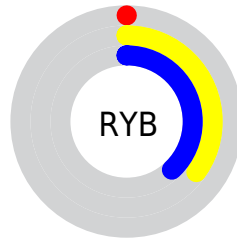
The Hex color **006108** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **610059**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **46953D**, and **003100** is the 20% darker color. If you saturate the color by 10%, you get **006108**, and if you desaturate by 10%, it is **0A6111**.

Distribution



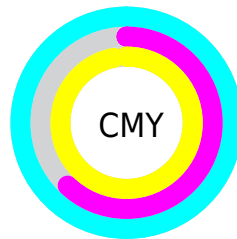
- Red (0%)
- Green (38%)
- Blue (3%)



- Red (0%)
- Yellow (35%)
- Blue (38%)



- Cyan (100%)
- Magenta (0%)
- Yellow (92%)
- Black (62%)



- Cyan (100%)
- Magenta (62%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006108 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 006108 by changing the saturation by 10% instead.

 006108

 006108

 FFFFF9

 004800

 46953D

 003100

 62B056

 001B00

 7DCC6F

 000000

 99E889

 B5FFA4

 D2FFC0

 EFFFDC

 006108

■ 0A6111

■ 13611A

■ 1D6123

■ 27612C

■ 316135

■ 3A613D

■ 446146

■ 4E614F

■ 576158

Harmonies

Analogous

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



4D5900



006108



00653D

Triad

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



006108



005EAC



A1193B

Complementary

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



006108



610059

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.



991C68



006108



054FAB

Square

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



006108



006595



743891



93330D

Rectangle

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



006108



00665D



743891



A11449

Sweetspot

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



006108



577D5B



5B6100



29402B



BFBFBF



404040

Same Dimension

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



006108



007D0A



006137



2C302C



007009



00F014

Inverse Universe

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



610059



7D0073



61002A



302C30



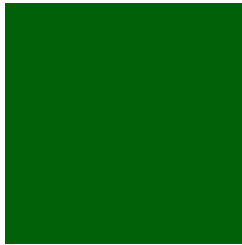
700067



F000DC

Previews

White Background



This preview shows how the Hex color 006108 looks on a white background.

Color Contrast Check

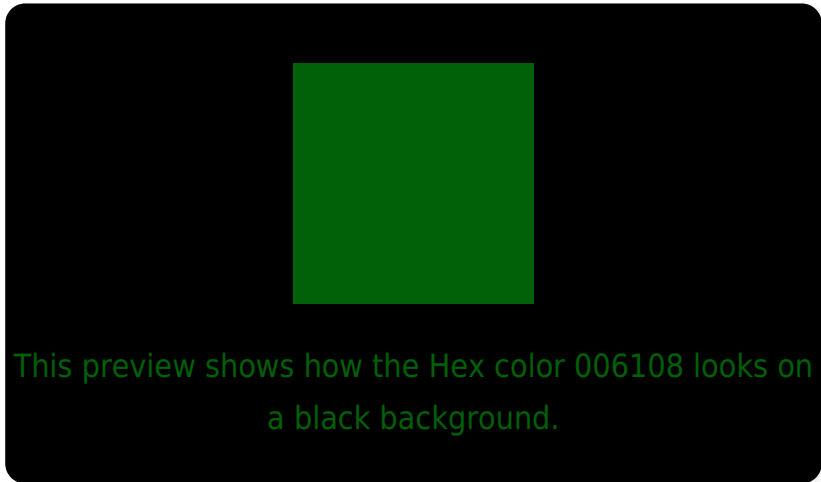
Large Text (above 18pt) WCAG AA ✓ Pass

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

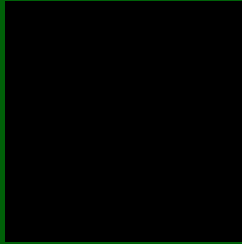
Any Text WCAG AA × Fail

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 006108 Background



This preview shows how black text looks on a background with the Hex color 006108.



This preview shows how white text looks on a background with the Hex color 006108.

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](#).

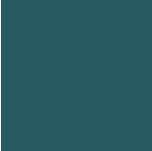
Dichromacy



Original Color
006108

Protanopia
5D5300

Deuteranopia
684F16



Tritanopia
295A61

Trichromacy



Original Color
006108



Protanomaly
3B5803



Deuteranomaly
425611



Tritanomaly
1A5D41

Monochromacy



Original Color
006108



Achromatopsia
3A3A3A



Achromatomaly
254828

CSS Examples

Text

The CSS property to change the color of the text to Hex 006108 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 #006108 looks like.

```
.text, #text, p{  
    color:#006108  
}
```

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 #006108 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006108
}
```

Border

The CSS property to change the border of an element to Hex 006108 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
#006108 }
```

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

```
.border{ border-color:#006108 }
```

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

Here you see how a box with a 4 pixel #006108 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006108; -webkit-box-shadow:4px 4px  
4px 4px #006108; box-shadow:4px 4px 4px  
4px #006108 }
```

Background

The CSS property to change the background color of an element to Hex 006108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006108 }
```

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

```
.background{ background-color:#006108 }
```

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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