

Converting Colors

Hex(067906)

Have a look what the booklet for
Hex(067906) contains.

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Color

Hex(067906)

Conversions

Conversions Part 1

Format	Color
Hex	067906
RGB	6, 121, 6
RGB Percent	2%, 47%, 2%
CMY	0.9765, 0.5255, 0.9765
CMYK	0.95, 0.00, 0.95, 0.53
HSL	120°, 91%, 25%
HSV	120°, 95%, 47%
XYZ	6.9453, 13.7266, 2.4557
YIQ	73.5050, -31.6250, -60.1450

Conversions

Conversions Part 2

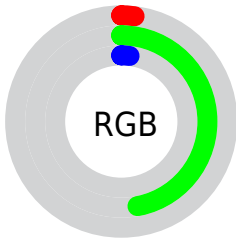
Format	Color
RYB	6, 121, 121
Decimal	424198
CIELab	43.84, -48.89, 46.66
CIELCh	44, 67.582, 136.334
Yxy	13.7266, 0.3003, 0.5935
Android (android.graphics.Color)	4278614278 (0xFF067906)
YUV	73.5050, -33.2800, -59.2019
Hunter-Lab	37.0494, -31.3746, 22.0047

Details

The Hex color **067906** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **790679**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **51AF41**, and **004700** is the 20% darker color. If you saturate the color by 10%, you get **007900**, and if you desaturate by 10%, it is **127912**.

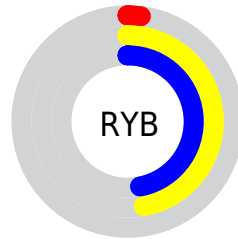
Distribution



Red (2%)

Green (47%)

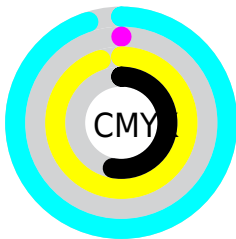
Blue (2%)



Red (2%)

Yellow (47%)

Blue (47%)

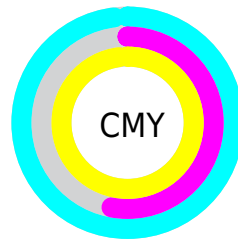


Cyan (95%)

Magenta (0%)

Yellow (95%)

Black (53%)



Cyan (98%)

Magenta (53%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 067906 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 067906 by changing the saturation by 10% instead.

 067906

 067906

FFFFFF

 005F00

 51AF41

 004700

 6DCA5B

 003000

 8AE775

 001600

 A6FF90

 000000

 C3FFAB

 E1FFC7

 FEFFE4

 067906

 067906

■ 007900

■ 127912

■ 1E791E

■ 2A792A

■ 367936

■ 427942

■ 4F794F

■ 5B795B

■ 677967

■ 737973

Harmonies

Analogous

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



626E00



067906



007E4B

Triad

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



067906



0076D6



C81E4C

Complementary

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



067906



790679

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.



BD2484



067906



0064D5

Square

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



067906



007EB8



8E47B6



B73F14

Rectangle

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



067906



007F72



8E47B6



C8185E

Sweetspot

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



067906



709E70



797906



334F33



CFCFCF



4F4F4F

Same Dimension

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



067906



009E00



06793F



373D37



007D00



00FC00

Inverse Universe

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



790679



9E009E



79063F



3D373D



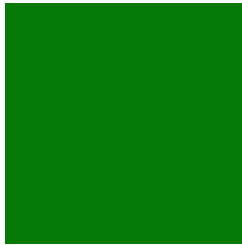
7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 067906 looks on a white background.

Color Contrast Check

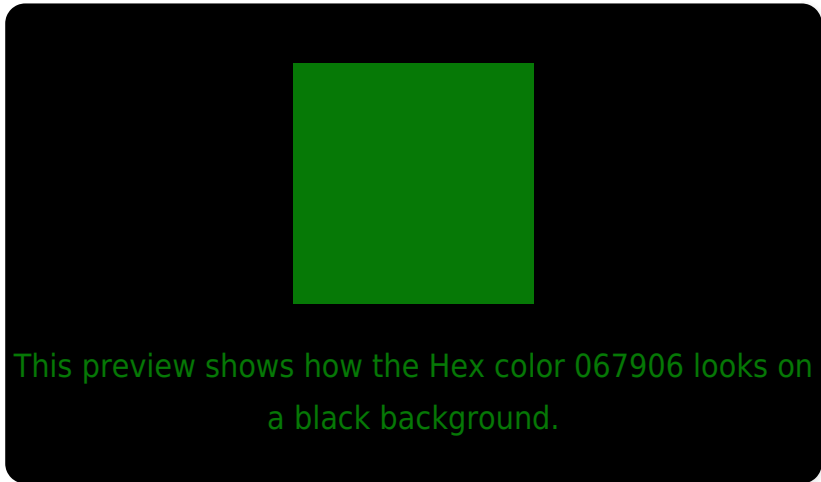
Large Text (above 18pt) WCAG AA ✓ Pass

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

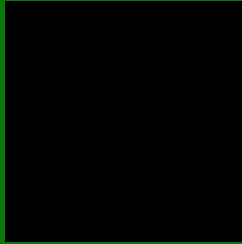
Any Text WCAG AA × Fail

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 067906 Background



This preview shows how black text looks on a background with the Hex color 067906.



This preview shows how white text looks on a background with the Hex color 067906.

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
067906

Protanopia
756800

Deuteranopia
82621B



Tritanopia
33707A

Trichromacy



Original Color
067906



Protanomaly
4D6E02



Deuteranomaly
556A13



Tritanomaly
237350

Monochromacy



Original Color
067906



Achromatopsia
4A4A4A



Achromatomaly
315B31

CSS Examples

Text

The CSS property to change the color of the text to Hex 067906 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 #067906 looks like.

```
.text, #text, p{  
    color:#067906  
}
```

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 #067906 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #067906
}
```

Border

The CSS property to change the border of an element to Hex 067906 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
#067906 }
```

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

```
.border{ border-color:#067906 }
```

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

Here you see how a box with a 4 pixel #067906 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #067906; -webkit-box-shadow:4px 4px  
4px 4px #067906; box-shadow:4px 4px 4px  
4px #067906 }
```

Background

The CSS property to change the background color of an element to Hex 067906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#067906 }
```

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

```
.background{ background-color:#067906 }
```

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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