

Converting Colors

Hex(067C10)

Have a look what the booklet for
Hex(067C10) contains.

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Color

Hex(067C10)

Conversions

Conversions Part 1

Format	Color
Hex	067C10
RGB	6, 124, 16
RGB Percent	2%, 49%, 6%
CMY	0.9765, 0.5137, 0.9373
CMYK	0.95, 0.00, 0.87, 0.51
HSL	125°, 91%, 25%
HSV	125°, 95%, 49%
XYZ	7.3763, 14.4914, 2.8986
YIQ	76.4060, -35.6600, -58.6040

Conversions

Conversions Part 2

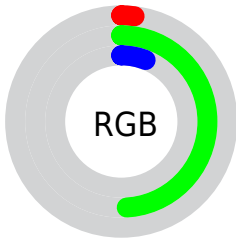
Format	Color
R _{YB}	6, 115, 124
Decimal	424976
CIE Lab	44.93, -49.35, 45.33
CIE LCh	45, 67.015, 137.432
Yxy	14.4914, 0.2978, 0.5851
Android (android.graphics.Color)	4278615056 (0xFF067C10)
YUV	76.4060, -29.7802, -61.7461
Hunter-Lab	38.0676, -32.0307, 22.1328

Details

The Hex color **067C10** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7C0672**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **51B247**, and **004900** is the 20% darker color. If you saturate the color by 10%, you get **007C0B**, and if you desaturate by 10%, it is **127C1B**.

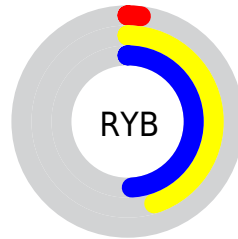
Distribution



Red (2%)

Green (49%)

Blue (6%)



Red (2%)

Yellow (45%)

Blue (49%)

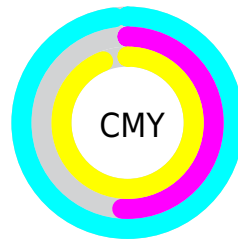


Cyan (95%)

Magenta (0%)

Yellow (87%)

Black (51%)



Cyan (98%)

Magenta (51%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 067C10 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 067C10 by changing the saturation by 10% instead.

 067C10

 067C10

FFFFFF

 006200

 51B247

 004900

 6ECE60

 003200

 8BEA7B

 001A00

 A7FF95

 000000

 C4FFB1

 E2FFCD

 FFFFE9

 067C10

 067C10

■ 007C0B

■ 127C1B

■ 1F7C27

■ 2B7C32

■ 387C3D

■ 447C49

■ 507C54

■ 5D7C5F

■ 697C6B

■ 767C76

Harmonies

Analogous

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



637200



067C10



008150

Triad

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



067C10



0078D8



CA254D

Complementary

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



067C10



7C0672

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.



C12884



067C10



1366D6

Square

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



067C10



0080BC



9449B7



B94415

Rectangle

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



067C10



008277



9449B7



CB205F

Sweetspot

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



067C10



72A176



727C06



355237



D1D1D1



525252

Same Dimension

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



067C10



00A10E



067C4B



373D38



007D0B



00FC15

Inverse Universe

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



7C0672



A10093



7C0637



3D373D



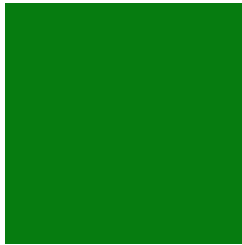
7D0072



FC00E7

Previews

White Background



This preview shows how the Hex color 067C10 looks on a white background.

Color Contrast Check

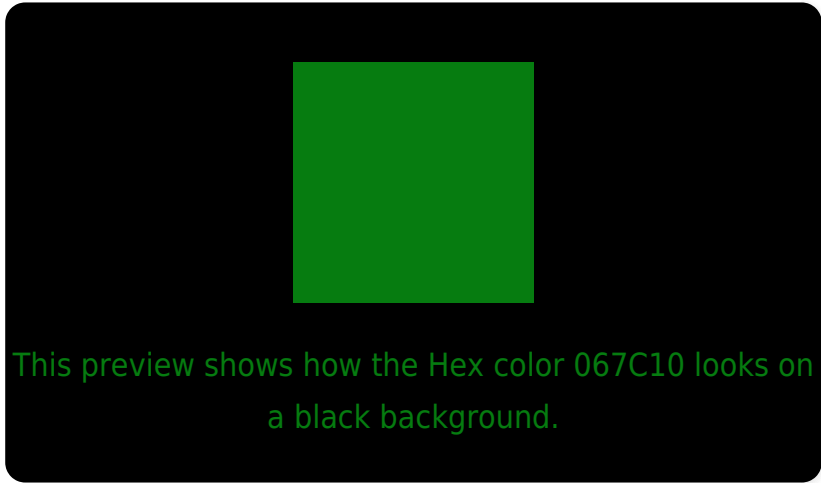
Large Text (above 18pt) WCAG AA ✓ Pass

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 067C10 Background



This preview shows how black text looks on a background with the Hex color 067C10.



This preview shows how white text looks on a background with the Hex color 067C10.

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
067C10

Protanopia
776A0A

Deuteranopia
85651F



Tritanopia
34737D

Trichromacy



Original Color
067C10



Protanomaly
4E710C



Deuteranomaly
576D1A

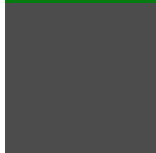


Tritanomaly
237655

Monochromacy



Original Color
067C10



Achromatopsia
4C4C4C



Achromatomaly
335D36

CSS Examples

Text

The CSS property to change the color of the text to Hex 067C10 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 #067C10 looks like.

```
.text, #text, p{  
    color:#067C10  
}
```

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 #067C10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #067C10
}
```

Border

The CSS property to change the border of an element to Hex 067C10 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".

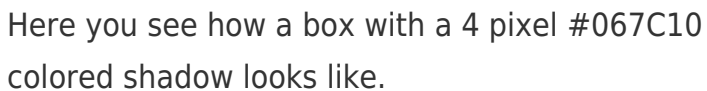
```
.border, #border, table{ border:4px solid
#067C10 }
```

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

```
.border{ border-color:#067C10 }
```

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

Here you see how a box with a 4 pixel #067C10 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #067C10; -webkit-box-shadow:4px 4px  
4px 4px #067C10; box-shadow:4px 4px 4px  
4px #067C10 }
```

Background

The CSS property to change the background color of an element to Hex 067C10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#067C10 }
```

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

```
.background{ background-color:#067C10 }
```

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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