

Converting Colors

Hex(067E18)

Have a look what the booklet for
Hex(067E18) contains.

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Color

Hex(067E18)

Conversions

Conversions Part 1

Format	Color
Hex	067E18
RGB	6, 126, 24
RGB Percent	2%, 49%, 9%
CMY	0.9765, 0.5059, 0.9059
CMYK	0.95, 0.00, 0.81, 0.51
HSL	129°, 91%, 26%
HSV	129°, 95%, 49%
XYZ	7.7008, 15.0264, 3.3587
YIQ	78.4920, -38.7780, -57.1620

Conversions

Conversions Part 2

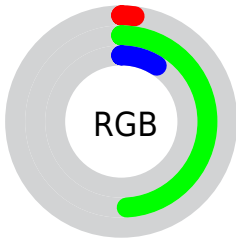
Format	Color
RYB	6, 110, 126
Decimal	425496
CIELab	45.67, -49.46, 43.60
CIELCh	46, 65.939, 138.603
Yxy	15.0264, 0.2952, 0.5760
Android (android.graphics.Color)	4278615576 (0xFF067E18)
YUV	78.4920, -26.8646, -63.5755
Hunter-Lab	38.7639, -32.3760, 21.9976

Details

The Hex color **067E18** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **7E066C**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **52B44C**, and **004B00** is the 20% darker color. If you saturate the color by 10%, you get **007E13**, and if you desaturate by 10%, it is **137E23**.

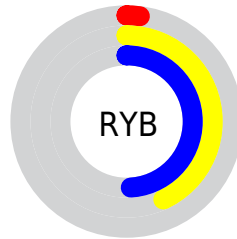
Distribution



Red (2%)

Green (49%)

Blue (9%)



Red (2%)

Yellow (43%)

Blue (49%)

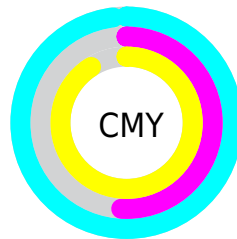


Cyan (95%)

Magenta (0%)

Yellow (81%)

Black (51%)



Cyan (98%)

Magenta (51%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 067E18 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 067E18 by changing the saturation by 10% instead.

 067E18

 067E18

FFFFFF

 006400

 52B44C

 004B00

 6ED066

 003400

 8BED80

 001C00

 A8FF9B

 000000

 C5FFB6

 E2FFD3

 FFFFEF

 067E18

 067E18

■ 007E13

■ 137E23

■ 1F7E2D

■ 2C7E38

■ 387E43

■ 457E4E

■ 527E58

■ 5E7E63

■ 6B7E6E

■ 777E78

Harmonies

Analogous

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



637400



067E18



008354

Triad

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



067E18



0079D9



CB2B4D

Complementary

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



067E18



7E066C

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.



C32C84



067E18



2B67D6

Square

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



067E18



0082BF



984BB6



B94817

Rectangle

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



067E18



00847B



984BB6



CC265F

Sweetspot

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



067E18



74A37B



6C7E06



355239



D1D1D1



525252

Same Dimension

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



067E18



00A318



067E54



39403A



008013



000000

Inverse Universe

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



7E066C



A3008B



7E0630



40393F



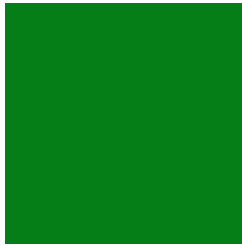
80006C



000000

Previews

White Background



This preview shows how the Hex color 067E18 looks on a white background.

Color Contrast Check

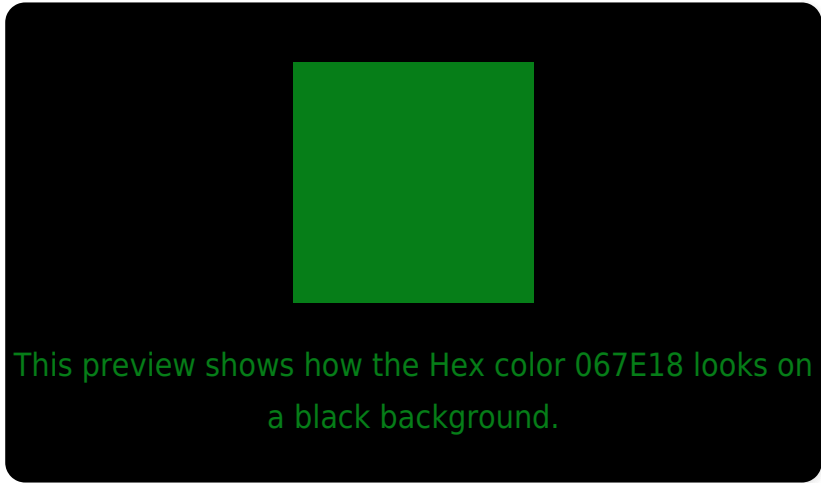
Large Text (above 18pt) WCAG AA ✓ Pass

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

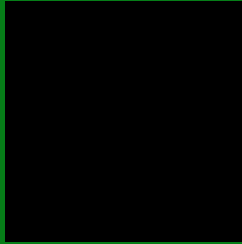
Any Text WCAG AA × Fail

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 067E18 Background



This preview shows how black text looks on a background with the Hex color 067E18.



This preview shows how white text looks on a background with the Hex color 067E18.

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
067E18

Protanopia
796C13

Deuteranopia
876624



Tritanopia
35757F

Trichromacy



Original Color
067E18



Protanomaly
4F7315



Deuteranomaly
586F20



Tritanomaly
24785A

Monochromacy



Original Color
067E18



Achromatopsia
4E4E4E



Achromatomaly
345F3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 067E18 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 #067E18 looks like.

```
.text, #text, p{  
    color:#067E18  
}
```

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 #067E18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #067E18
}
```

Border

The CSS property to change the border of an element to Hex 067E18 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
#067E18 }
```

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

```
.border{ border-color:#067E18 }
```

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

Here you see how a box with a 4 pixel #067E18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #067E18; -webkit-box-shadow:4px 4px  
4px 4px #067E18; box-shadow:4px 4px 4px  
4px #067E18 }
```

Background

The CSS property to change the background color of an element to Hex 067E18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#067E18 }
```

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

```
.background{ background-color:#067E18 }
```

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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