

Converting Colors

Hex(067135)

Have a look what the booklet for
Hex(067135) contains.

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Color

Hex(067135)

Conversions

Conversions Part 1

Format	Color
Hex	067135
RGB	6, 113, 53
RGB Percent	2%, 44%, 21%
CMY	0.9765, 0.5569, 0.7922
CMYK	0.95, 0.00, 0.53, 0.56
HSL	146°, 90%, 23%
HSV	146°, 95%, 44%
XYZ	6.6228, 12.1060, 5.3558
YIQ	74.1670, -44.5120, -41.3440

Conversions

Conversions Part 2

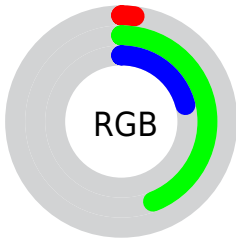
Format	Color
RYB	6, 80, 113
Decimal	422197
CIELab	41.38, -41.60, 25.66
CIELCh	41, 48.873, 148.332
Yxy	12.1060, 0.2750, 0.5026
Android (android.graphics.Color)	4278612277 (0xFF067135)
YUV	74.1670, -10.4353, -59.7825
Hunter-Lab	34.7937, -26.9122, 15.2291

Details

The Hex color **067135** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **710642**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **4CA665**, and **004007** is the 20% darker color. If you saturate the color by 10%, you get **007132**, and if you desaturate by 10%, it is **11713B**.

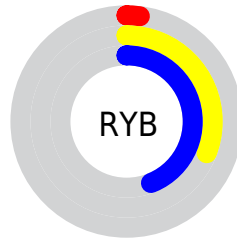
Distribution



Red (2%)

Green (44%)

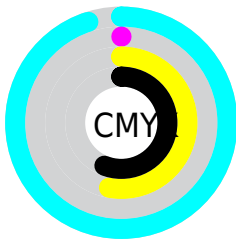
Blue (21%)



Red (2%)

Yellow (31%)

Blue (44%)

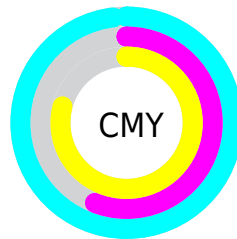


Cyan (95%)

Magenta (0%)

Yellow (53%)

Black (56%)



Cyan (98%)

Magenta (56%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 067135 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 067135 by changing the saturation by 10% instead.

 067135

 067135

FFFFFF

 00581E

 4CA665

 004007

 68C17E

 002A00

 83DE98

 000900

 9FFAB3

 000000

 BCFFCF

 D8FFEC

 F6FFFF

 067135

 067135

■ 007132

■ 11713B

■ 1D7142

■ 287148

■ 33714E

■ 3F7155

■ 4A715B

■ 557161

■ 607168

■ 6C716E

Harmonies

Analogous

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



506A10



067135



00745E

Triad

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



067135



0067B2



A73F3E

Complementary

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



067135



710642

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.



A73966



067135



5C58A9

Square

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



067135



0070A6



90458C



954F1B

Rectangle

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



067135



00747A



90458C



A93B4B

Sweetspot

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



067135



6A947D



437106



314A3C



C9C9C9



4A4A4A

Same Dimension

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



067135



009441



06716A



323835



007835



00F76D

Inverse Universe

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



710642



940053



71060D



383236



780043



F7008B

Previews

White Background



This preview shows how the Hex color 067135 looks on a white background.

Color Contrast Check

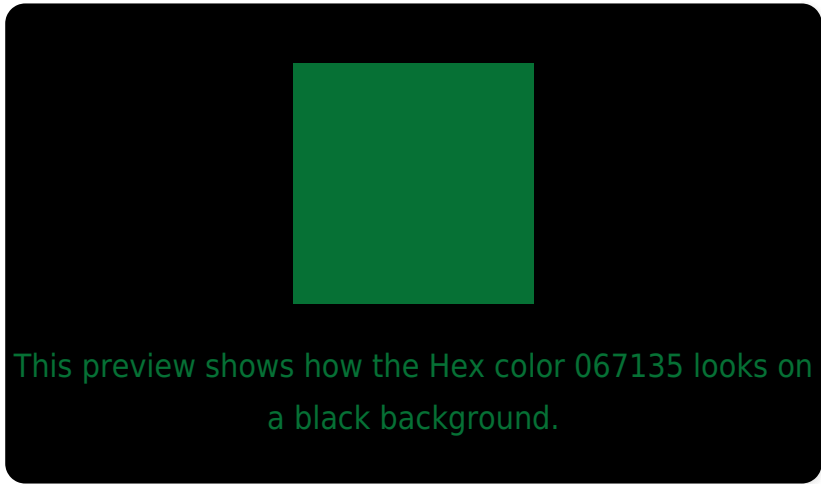
Large Text (above 18pt) WCAG AA ✓ Pass

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 067135 Background



This preview shows how black text looks on a background with the Hex color 067135.



This preview shows how white text looks on a background with the Hex color 067135.

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
067135

Protanopia
6C6130

Deuteranopia
765D3A



Tritanopia
2C6A73

Trichromacy



Original Color
067135



Protanomaly
476732



Deuteranomaly
4D6438



Tritanomaly
1E6D5C

Monochromacy



Original Color
067135



Achromatopsia
4A4A4A



Achromatomaly
315842

CSS Examples

Text

The CSS property to change the color of the text to Hex 067135 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 #067135 looks like.

```
.text, #text, p{  
    color:#067135  
}
```

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 #067135 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #067135
}
```

Border

The CSS property to change the border of an element to Hex 067135 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
#067135 }
```

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

```
.border{ border-color:#067135 }
```

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

Here you see how a box with a 4 pixel #067135 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #067135; -webkit-box-shadow:4px 4px  
4px 4px #067135; box-shadow:4px 4px 4px  
4px #067135 }
```

Background

The CSS property to change the background color of an element to Hex 067135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#067135 }
```

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

```
.background{ background-color:#067135 }
```

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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