

Converting Colors

Hex(067021)

Have a look what the booklet for
Hex(067021) contains.

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Color

Hex(067021)

Conversions

Conversions Part 1

Format	Color
Hex	067021
RGB	6, 112, 33
RGB Percent	2%, 44%, 13%
CMY	0.9765, 0.5608, 0.8706
CMYK	0.95, 0.00, 0.71, 0.56
HSL	135°, 90%, 23%
HSV	135°, 95%, 44%
XYZ	6.1438, 11.7369, 3.3805
YIQ	71.3000, -37.8170, -47.0410

Conversions

Conversions Part 2

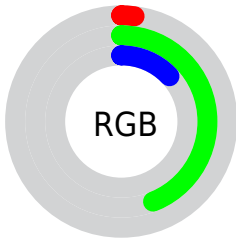
Format	Color
RYB	6, 90, 112
Decimal	421921
CIELab	40.79, -44.14, 35.06
CIElCh	41, 56.372, 141.539
Yxy	11.7369, 0.2890, 0.5520
Android (android.graphics.Color)	4278612001 (0xFF067021)
YUV	71.3000, -18.8819, -57.2681
Hunter-Lab	34.2591, -27.9425, 18.1310

Details

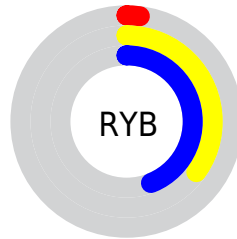
The Hex color **067021** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **700655**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4CA552**, and **003E00** is the 20% darker color. If you saturate the color by 10%, you get **00701D**, and if you desaturate by 10%, it is **117029**.

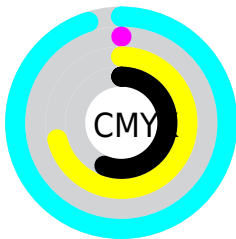
Distribution



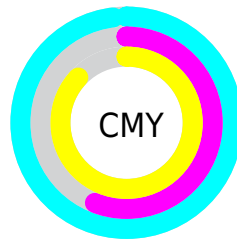
- Red (2%)
- Green (44%)
- Blue (13%)



- Red (2%)
- Yellow (35%)
- Blue (44%)



- Cyan (95%)
- Magenta (0%)
- Yellow (71%)
- Black (56%)



- Cyan (98%)
- Magenta (56%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 067021 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 067021 by changing the saturation by 10% instead.

 067021

 067021

FFFFFF

 005706

 4CA552

 003E00

 68C06B

 002900

 84DD85

 000500

 A0F99F

 000000

 BDFFB

 D9FFD7

 F7FFF3

 067021

 067021

■ 00701D

■ 117029

■ 1C7032

■ 28703A

■ 337042

■ 3E704B

■ 497053

■ 54705B

■ 607064

■ 6B706C

Harmonies

Analogous

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



556800



067021



007451

Triad

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



067021



006ABC



B03041

Complementary

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



067021



700655

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.



AB2E6F



067021



3F5AB7

Square

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



067021



0072A8



8A439A



A04515

Rectangle

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



067021



007571



8A439A



B12C50

Sweetspot

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



067021



699173



567006



314A37



C9C9C9



4A4A4A

Same Dimension

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



067021



009125



067056



323834



00781F



00F73F

Inverse Universe

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



700655



91006C



700621



383237



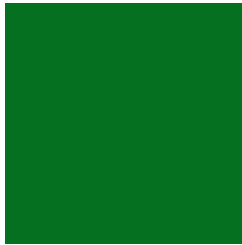
780059



F700B8

Previews

White Background



This preview shows how the Hex color 067021 looks on a white background.

Color Contrast Check

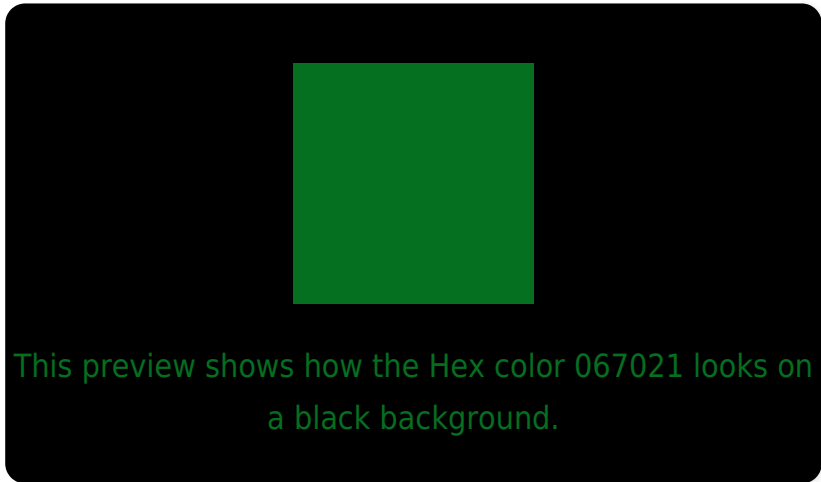
Large Text (above 18pt) WCAG AA ✓ Pass

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 067021 Background



This preview shows how black text looks on a background with the Hex color 067021.



This preview shows how white text looks on a background with the Hex color 067021.

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
067021

Protanopia
6C601D

Deuteranopia
775B28



Tritanopia
2E6971

Trichromacy



Original Color
067021



Protanomaly
47661E



Deuteranomaly
4E6325



Tritanomaly
1F6C54

Monochromacy



Original Color
067021



Achromatopsia
474747



Achromatomaly
2F5639

CSS Examples

Text

The CSS property to change the color of the text to Hex 067021 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 #067021 looks like.

```
.text, #text, p{  
    color:#067021  
}
```

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 #067021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #067021
}
```

Border

The CSS property to change the border of an element to Hex 067021 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
#067021 }
```

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

```
.border{ border-color:#067021 }
```

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

Here you see how a box with a 4 pixel #067021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #067021; -webkit-box-shadow:4px 4px  
4px 4px #067021; box-shadow:4px 4px 4px  
4px #067021 }
```

Background

The CSS property to change the background color of an element to Hex 067021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#067021 }
```

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

```
.background{ background-color:#067021 }
```

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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