

Converting Colors

Hex(047B3C)

Have a look what the booklet for
Hex(047B3C) contains.

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Color

Hex(047B3C)

Conversions

Conversions Part 1

Format	Color
Hex	047B3C
RGB	4, 123, 60
RGB Percent	2%, 48%, 24%
CMY	0.9843, 0.5176, 0.7647
CMYK	0.97, 0.00, 0.51, 0.52
HSL	148°, 94%, 25%
HSV	148°, 97%, 48%
XYZ	7.9486, 14.5180, 6.6583
YIQ	80.2370, -50.7010, -44.8210

Conversions

Conversions Part 2

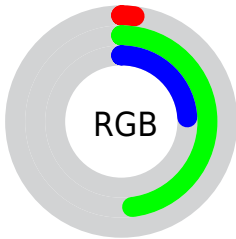
Format	Color
RYB	4, 85, 123
Decimal	293692
CIELab	44.97, -44.14, 26.32
CIELCh	45, 51.388, 149.190
Yxy	14.5180, 0.2729, 0.4985
Android (android.graphics.Color)	4278483772 (0xFF047B3C)
YUV	80.2370, -9.9768, -66.8598
Hunter-Lab	38.1025, -29.4420, 16.3110

Details

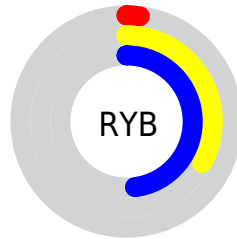
The Hex color **047B3C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7B0443**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **4EB16D**, and **00490E** is the 20% darker color. If you saturate the color by 10%, you get **007B3A**, and if you desaturate by 10%, it is **107B43**.

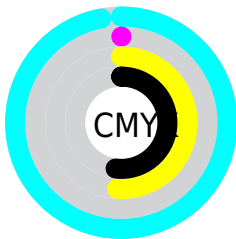
Distribution



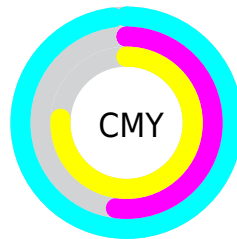
- Red (2%)
- Green (48%)
- Blue (24%)



- Red (2%)
- Yellow (33%)
- Blue (48%)



- Cyan (97%)
- Magenta (0%)
- Yellow (51%)
- Black (52%)



- Cyan (98%)
- Magenta (52%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 047B3C 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 047B3C by changing the saturation by 10% instead.

 047B3C

 047B3C

FFFFFF

 006125

 4EB16D

 00490E

 6BCC86

 003100

 87E9A1

 001A00

 A3FFBC

 000000

 C0FFD8

 DDFFF4

 FAFFFF

 047B3C

 047B3C

■ 007B3A

■ 107B43

■ 1D7B49

■ 297B50

■ 357B56

■ 427B5D

■ 4E7B63

■ 5A7B6A

■ 667B70

■ 737B77

Harmonies

Analogous

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



567415



047B3C



007E68

Triad

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



047B3C



0070C0



B54643

Complementary

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



047B3C



7B0443

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.



B5406D



047B3C



675FB6

Square

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



047B3C



007AB4



9D4C97



A1571E

Rectangle

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



047B3C



007E85



9D4C97



B74251

Sweetspot

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



047B3C



72A188



437B04



355242



D1D1D1



525252

Same Dimension

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



047B3C



00A14C



047B77



373D3A



007D3B



00FC77

Inverse Universe

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



7B0443



A10055



7B0408



3D373A



7D0042



FC0086

Previews

White Background



This preview shows how the Hex color 047B3C looks on a white background.

Color Contrast Check

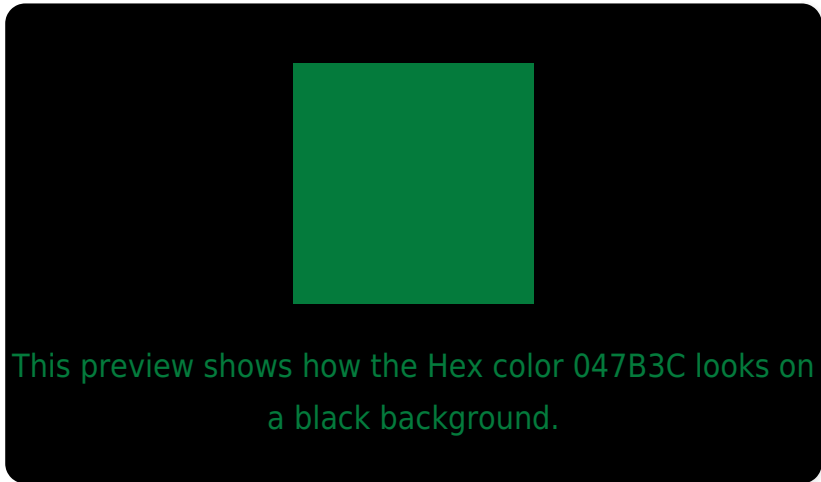
Large Text (above 18pt) WCAG AA ✓ Pass

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

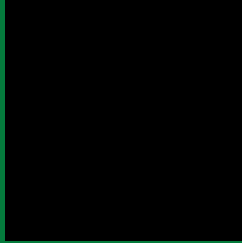
Any Text WCAG AA × Fail

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 047B3C Background



This preview shows how black text looks on a background with the Hex color 047B3C.



This preview shows how white text looks on a background with the Hex color 047B3C.

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
047B3C

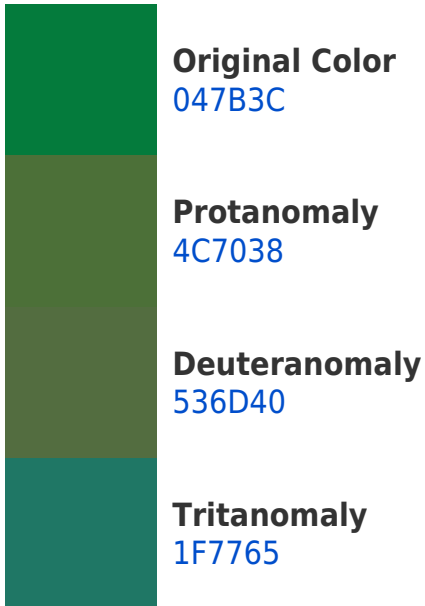
Protanopia
756A36

Deuteranopia
806542



Tritanopia
2F747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 047B3C 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 #047B3C looks like.

```
.text, #text, p{  
    color:#047B3C  
}
```

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 #047B3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #047B3C
}
```

Border

The CSS property to change the border of an element to Hex 047B3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

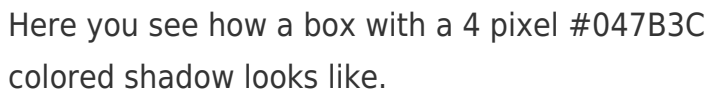
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#047B3C }
```

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

```
.border{ border-color:#047B3C }
```

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



Here you see how a box with a 4 pixel #047B3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #047B3C; -webkit-box-shadow:4px 4px  
4px 4px #047B3C; box-shadow:4px 4px 4px  
4px #047B3C }
```

Background

The CSS property to change the background color of an element to Hex 047B3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#047B3C }
```

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

```
.background{ background-color:#047B3C }
```

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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