

Converting Colors

Hex(047313)

Have a look what the booklet for
Hex(047313) contains.

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Color

Hex(047313)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 047313 |
| RGB | 4, 115, 19 |
| RGB Percent | 2%, 45%, 7% |
| CMY | 0.9843, 0.5490, 0.9255 |
| CMYK | 0.97, 0.00, 0.83, 0.55 |
| HSL | 128°, 93%, 23% |
| HSV | 128°, 97%, 45% |
| XYZ | 6.2983, 12.3343, 2.6649 |
| YIQ | 70.8670, -35.3400, -53.3880 |

Conversions

Conversions Part 2

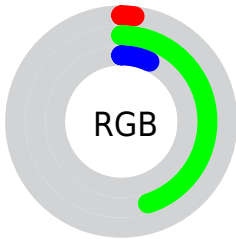
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 4, 102, 115 |
| Decimal | 291603 |
| CIELab | 41.74, -46.56, 41.49 |
| CIELCh | 42, 62.361, 138.295 |
| Yxy | 12.3343, 0.2957, 0.5791 |
| Android (android.graphics.Color) | 4278481683 (0xFF047313) |
| YUV | 70.8670, -25.5704, -58.6424 |
| Hunter-Lab | 35.1202, -29.4488, 20.0853 |

Details

The Hex color **047313** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **730464**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **4EA847**, and **004100** is the 20% darker color. If you saturate the color by 10%, you get **007310**, and if you desaturate by 10%, it is **10731D**.

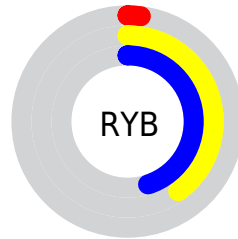
Distribution



Red (2%)

Green (45%)

Blue (7%)



Red (2%)

Yellow (40%)

Blue (45%)

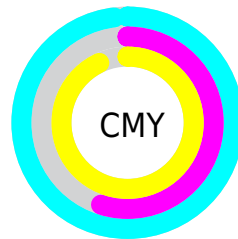


Cyan (97%)

Magenta (0%)

Yellow (83%)

Black (55%)



Cyan (98%)

Magenta (55%)


Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 047313 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 047313 by changing the saturation by 10% instead.

 047313

 047313

FFFFFF

 005A00

 4EA847

 004100

 6AC460

 002C00

 86E07A

 000C00

 A2FD95

 000000

 BFFF80

 DCFE80

 FAFDE9

 047313

 047313

■ 007310

■ 10731D

■ 1B7327

■ 277331

■ 32733B

■ 3E7345

■ 49734F

■ 557359

■ 607363

■ 6C736D

Harmonies

Analogous

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



5A6A00



047313



00784C

Triad

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



047313



006FC8



BB2546

Complementary

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



047313



730464

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.



B32779



047313



225EC5

Square

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



047313



0077AF



8A44A8



AA4013

Rectangle

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



047313



007970



8A44A8



BB2057

Sweetspot

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



047313



6B9671



647304



324D35



CCCCCC



4D4D4D

Same Dimension

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



047313



009614



04734A



353B36



007A11



00FA22

Inverse Universe

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



730464



960082



73042D



3B353A



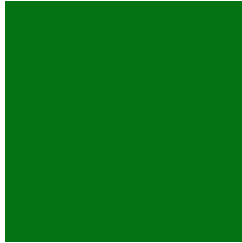
7A006A



FA00D8

Previews

White Background



This preview shows how the Hex color 047313 looks on a white background.

Color Contrast Check

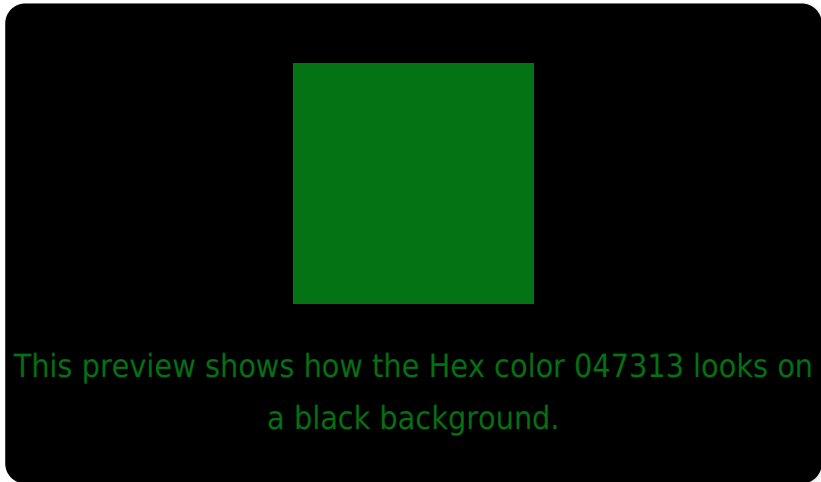
Large Text (above 18pt) WCAG AA ✓ Pass

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 047313 Background



This preview shows how black text looks on a background with the Hex color 047313.



This preview shows how white text looks on a background with the Hex color 047313.

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
047313

Protanopia
6F630E

Deuteranopia
7B5D1F



Tritanopia
306B74

Trichromacy



Original Color
047313



Protanomaly
486910



Deuteranomaly
50651B



Tritanomaly
206E51

Monochromacy



Original Color
047313



Achromatopsia
474747



Achromatomaly
2F5734

CSS Examples

Text

The CSS property to change the color of the text to Hex 047313 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 #047313 looks like.

```
.text, #text, p{  
    color:#047313  
}
```

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 #047313 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #047313
}
```

Border

The CSS property to change the border of an element to Hex 047313 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".

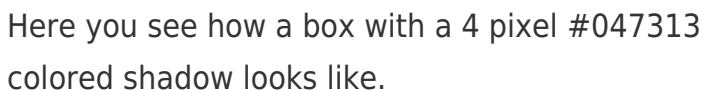
```
.border, #border, table{ border:4px solid
#047313 }
```

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

```
.border{ border-color:#047313 }
```

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

Here you see how a box with a 4 pixel #047313 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #047313; -webkit-box-shadow:4px 4px  
4px 4px #047313; box-shadow:4px 4px 4px  
4px #047313 }
```

Background

The CSS property to change the background color of an element to Hex 047313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#047313 }
```

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

```
.background{ background-color:#047313 }
```

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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