

Converting Colors

Hex(047D04)

Have a look what the booklet for
Hex(047D04) contains.

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Color

Hex(047D04)

Conversions

Conversions Part 1

Format	Color
Hex	047D04
RGB	4, 125, 4
RGB Percent	2%, 49%, 2%
CMY	0.9843, 0.5098, 0.9843
CMYK	0.97, 0.00, 0.97, 0.51
HSL	120°, 94%, 25%
HSV	120°, 97%, 49%
XYZ	7.4056, 14.7018, 2.5623
YIQ	75.0270, -33.2750, -63.2830

Conversions

Conversions Part 2

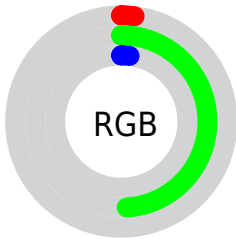
Format	Color
R_{YB}	4, 125, 125
Decimal	294148
CIE _{Lab}	45.22, -50.34, 48.24
CIE _{LCh}	45, 69.723, 136.216
Yxy	14.7018, 0.3002, 0.5959
Android (android.graphics.Color)	4278484228 (0xFF047D04)
YUV	75.0270, -35.0163, -62.2907
Hunter-Lab	38.3429, -32.6244, 22.8780

Details

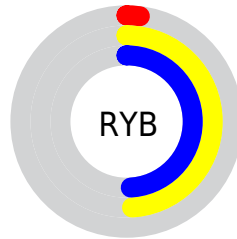
The Hex color **047D04** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **7D047D**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **52B341**, and **004A00** is the 20% darker color. If you saturate the color by 10%, you get **007D00**, and if you desaturate by 10%, it is **117D11**.

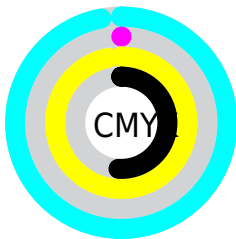
Distribution



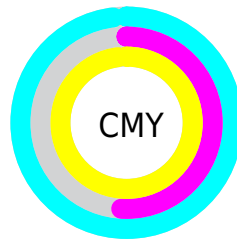
- Red (2%)
- Green (49%)
- Blue (2%)



- Red (2%)
- Yellow (49%)
- Blue (49%)



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



- Cyan (98%)
- Magenta (51%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 047D04 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 047D04 by changing the saturation by 10% instead.

 047D04

 047D04

FFFFFF

 006300

 52B341

 004A00

 6FCF5B

 003300

 8BEB75

 001B00


 A8FF90

 000000

 C5FFAB

 E2FFC7

 FFFFE4

 047D04

 047D04

■ 007D00

■ 117D11

■ 1D7D1D

■ 2A7D2A

■ 367D36

■ 437D43

■ 4F7D4F

■ 5C7D5C

■ 687D68

■ 757D75

Harmonies

Analogous

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



657200



047D04



00824D

Triad

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



047D04



007ADD



CF1D4E

Complementary

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



047D04



7D047D

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.



C32488



047D04



0068DC

Square

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



047D04



0082BF



934ABD



BE4114

Rectangle

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



047D04



008476



934ABD



CF1762

Sweetspot

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



047D04



74A374



7D7D04



355235



D1D1D1



525252

Same Dimension

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



047D04



00A300



047D41



394039



008000



000000

Inverse Universe

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



7D047D



A300A3



7D0441



403940



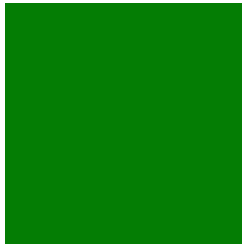
800080



000000

Previews

White Background



This preview shows how the Hex color 047D04 looks on a white background.

Color Contrast Check

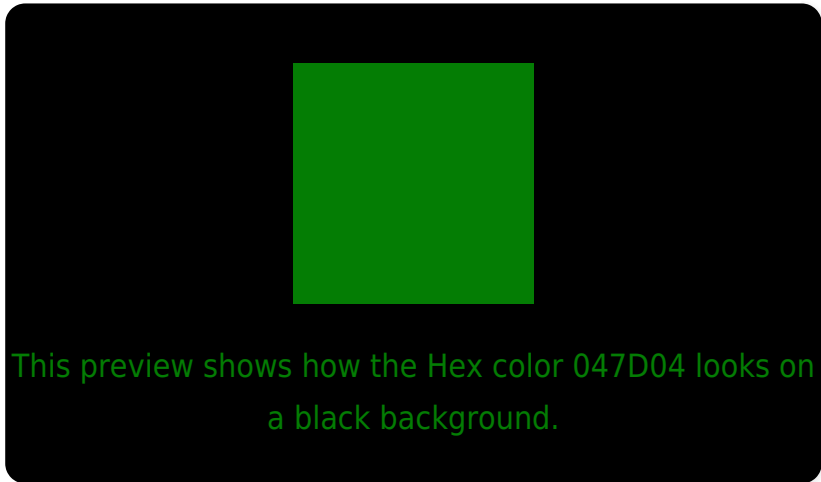
Large Text (above 18pt) WCAG AA ✓ Pass

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 047D04 Background



This preview shows how black text looks on a background with the Hex color 047D04.



This preview shows how white text looks on a background with the Hex color 047D04.

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
047D04

Protanopia
786B00

Deuteranopia
86651B



Tritanopia
35747E

Trichromacy



Original Color
047D04



Protanomaly
4E7201



Deuteranomaly
576E13



Tritanomaly
237752

Monochromacy



Original Color
047D04



Achromatopsia
4B4B4B



Achromatomaly
315D31

CSS Examples

Text

The CSS property to change the color of the text to Hex 047D04 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 #047D04 looks like.

```
.text, #text, p{  
    color:#047D04  
}
```

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 #047D04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #047D04
}
```

Border

The CSS property to change the border of an element to Hex 047D04 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
#047D04 }
```

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

```
.border{ border-color:#047D04 }
```

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

Here you see how a box with a 4 pixel #047D04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #047D04; -webkit-box-shadow:4px 4px  
4px 4px #047D04; box-shadow:4px 4px 4px  
4px #047D04 }
```

Background

The CSS property to change the background color of an element to Hex 047D04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#047D04 }
```

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

```
.background{ background-color:#047D04 }
```

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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