

# Converting Colors

Hex(007C04)

Have a look what the booklet for  
Hex(007C04) contains.

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**Color**

**Hex(007C04)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	007C04
RGB	0, 124, 4
RGB Percent	0%, 49%, 2%
CMY	1.0000, 0.5137, 0.9843
CMYK	1.00, 0.00, 0.97, 0.51
HSL	122°, 100%, 24%
HSV	122°, 100%, 49%
XYZ	7.2296, 14.4241, 2.5180
YIQ	73.2440, -35.3840, -63.6080

# Conversions

## Conversions Part 2

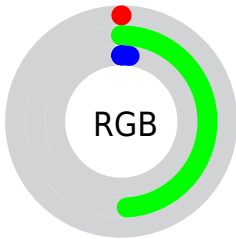
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 120, 124
Decimal	31748
CIELab	44.84, -50.37, 47.91
CIELCh	45, 69.515, 136.435
Yxy	14.4241, 0.2991, 0.5967
Android (android.graphics.Color)	4278221828 (0xFF007C04)
YUV	73.2440, -34.1373, -64.2350
Hunter-Lab	37.9790, -32.4846, 22.6545

# Details

The Hex color **007C04** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7C0078**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **50B241**, and **004900** is the 20% darker color. If you saturate the color by 10%, you get **007C04**, and if you desaturate by 10%, it is **0C7C10**.

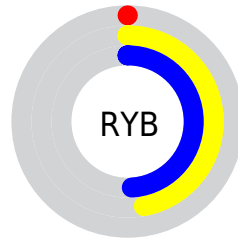
# Distribution



Red (0%)

Green (49%)

Blue (2%)



Red (0%)

Yellow (47%)

Blue (49%)

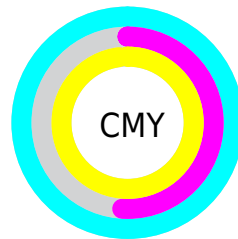


Cyan (100%)

Magenta (0%)

Yellow (97%)

Black (51%)



Cyan (100%)

Magenta (51%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 007C04 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 007C04 by changing the saturation by 10% instead.



 007C04

 007C04

FFFFFF

 006200

 50B241

 004900

 6DCE5B

 003200

 8AEA75

 001A00

 A6FF90

 000000

 C3FFAB

 E1FFC7

 FFFFE4

 007C04

 0C7C10

 197C1C

 257C28

 327C34

 3E7C40

 4A7C4C

 577C58

 637C64

 707C70

# Harmonies

## Analogous

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



647100



007C04



00814D

# Triad

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



007C04



0079DC



CD1D4D

# Complementary

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



007C04



7C0078

# 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.



C22287



007C04



0066DB

# Square

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



007C04



0081BE



9248BB



BC4013

# Rectangle

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



007C04



008375



9248BB



CD1660



# Sweetspot

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



007C04



70A172



7A7C00



345235



D1D1D1



525252



# Same Dimension

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



007C04



00A105



007C40



373D37



007D04



00FC08



# Inverse Universe

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



7C0078



A1009B



7C003C



3D373D



7D0079

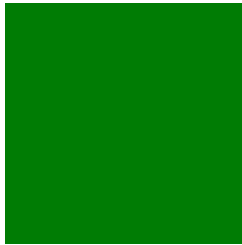


FC00F4



# Previews

## White Background



This preview shows how the Hex color 007C04 looks on a white background.

## Color Contrast Check

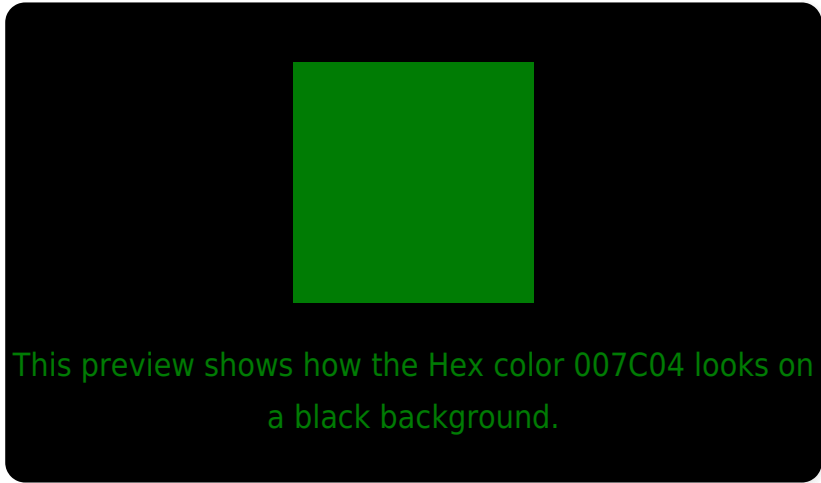
Large Text (above 18pt) WCAG AA ✓ Pass

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 007C04 Background



This preview shows how black text looks on a background with the Hex color 007C04.



This preview shows how white text looks on a background with the Hex color 007C04.

# 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**  
007C04

**Protanopia**  
776A00

**Deuteranopia**  
85641B



**Tritanopia**  
34737D

# Trichromacy



**Original Color**  
007C04



**Protanomaly**  
4C7101



**Deuteranomaly**  
556D13



**Tritanomaly**  
217651

# Monochromacy



**Original Color**  
007C04



**Achromatopsia**  
494949



**Achromatomaly**  
2E5C30

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007C04 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 #007C04 looks like.

```
.text, #text, p{  
    color:#007C04  
}
```

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 #007C04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007C04
}
```

## Border

The CSS property to change the border of an element to Hex 007C04 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
#007C04 }
```

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

```
.border{ border-color:#007C04 }
```

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

Here you see how a box with a 4 pixel #007C04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007C04; -webkit-box-shadow:4px 4px  
4px 4px #007C04; box-shadow:4px 4px 4px  
4px #007C04 }
```

# Background

The CSS property to change the background color of an element to Hex 007C04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007C04 }
```

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

```
.background{ background-color:#007C04 }
```

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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