

# Converting Colors

Hex(004F08)

Have a look what the booklet for  
Hex(004F08) contains.

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# Color

**Hex(004F08)**

# Conversions

## Conversions Part 1

Format	Color
Hex	004F08
RGB	0, 79, 8
RGB Percent	0%, 31%, 3%
CMY	1.0000, 0.6902, 0.9686
CMYK	1.00, 0.00, 0.90, 0.69
HSL	126°, 100%, 15%
HSV	126°, 100%, 31%
XYZ	2.8398, 5.6095, 1.1628
YIQ	47.2850, -24.2930, -38.8290

# Conversions

## Conversions Part 2

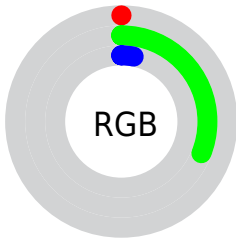
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 72, 79
Decimal	20232
CIELab	28.41, -36.25, 32.52
CIELCh	28, 48.698, 138.107
Yxy	5.6095, 0.2954, 0.5836
Android (android.graphics.Color)	4278210312 (0xFF004F08)
YUV	47.2850, -19.3675, -41.4689
Hunter-Lab	23.6844, -20.0451, 13.6682

# Details

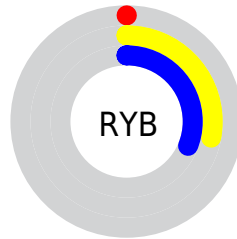
The Hex color **004F08** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4F0047**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **408139**, and **002400** is the 20% darker color. If you saturate the color by 10%, you get **004F08**, and if you desaturate by 10%, it is **084F0F**.

# Distribution



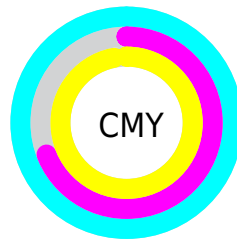
- Red (0%)
- Green (31%)
- Blue (3%)



- Red (0%)
- Yellow (28%)
- Blue (31%)



- Cyan (100%)
- Magenta (0%)
- Yellow (90%)
- Black (69%)



- Cyan (100%)
- Magenta (69%)
- Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 004F08 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 004F08 by changing the saturation by 10% instead.



 004F08

 004F08

 FFFFF2

 003700

 408139

 002400

 5A9C51

 000000

 74B76A

 8FD384

 ABEF9E

 C7FFB9

 E4FFD5

 004F08

■ 084F0F

■ 104F16

■ 184F1D

■ 204F24

■ 284F2C

■ 2F4F33

■ 374F3A

■ 3F4F41

■ 474F48

# Harmonies

## Analogous

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



3E4800



004F08



005232

# Triad

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



004F08



004C8D



84152E

# Complementary

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



004F08



4F0047

# 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.



7D1654



004F08



10408B

# Square

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



004F08



00527B



602C76



772A09

# Rectangle

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



004F08



00534D



602C76



84113B



# Sweetspot

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



004F08



47664A



474F00



213322



B3B3B3



333333



# Same Dimension

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



004F08



00660A



004F2F



222623



00E617

# Inverse Universe

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



4F0047



66005C



4F0020



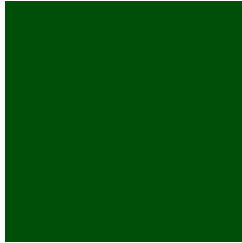
262226



E600CE

# Previews

## White Background



This preview shows how the Hex color 004F08 looks on a white background.

## Color Contrast Check

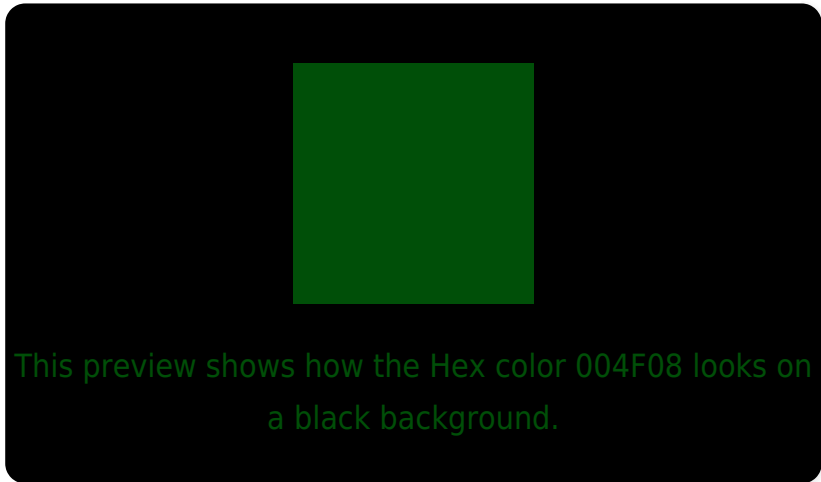
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

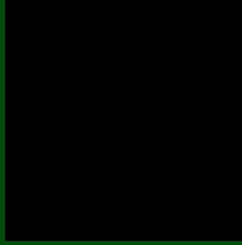
Any Text WCAG AA × Fail

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 004F08 Background



This preview shows how black text looks on a background with the Hex color 004F08.



This preview shows how white text looks on a background with the Hex color 004F08.

# 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

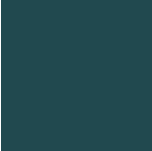


**Original Color**  
004F08

**Protanopia**  
4C4401

**Deuteranopia**  
554013





**Tritanopia**  
21494F

# Trichromacy



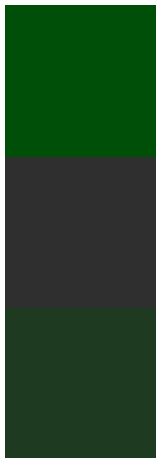
**Original Color**  
004F08

**Protanomaly**  
304804

**Deuteranomaly**  
36450F

**Tritanomaly**  
154B35

# Monochromacy



**Original Color**  
004F08

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
1E3B21

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 004F08 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 #004F08 looks like.

```
.text, #text, p{  
    color:#004F08  
}
```

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 #004F08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004F08  
}
```

## Border

The CSS property to change the border of an element to Hex 004F08 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".

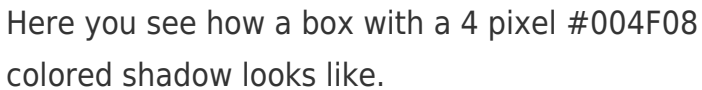
```
.border, #border, table{ border:4px solid  
#004F08 }
```

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

```
.border{ border-color:#004F08 }
```

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

Here you see how a box with a 4 pixel #004F08 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004F08; -webkit-box-shadow:4px 4px  
4px 4px #004F08; box-shadow:4px 4px 4px  
4px #004F08 }
```

# Background

The CSS property to change the background color of an element to Hex 004F08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004F08 }
```

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

```
.background{ background-color:#004F08 }
```

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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