

Converting Colors

Hex(048008)

Have a look what the booklet for
Hex(048008) contains.

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Color

Hex(048008)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 048008 |
| RGB | 4, 128, 8 |
| RGB Percent | 2%, 50%, 3% |
| CMY | 0.9843, 0.4980, 0.9686 |
| CMYK | 0.97, 0.00, 0.94, 0.50 |
| HSL | 122°, 94%, 26% |
| HSV | 122°, 97%, 50% |
| XYZ | 7.8131, 15.4817, 2.8062 |
| YIQ | 77.2440, -35.3840, -63.6080 |

Conversions

Conversions Part 2

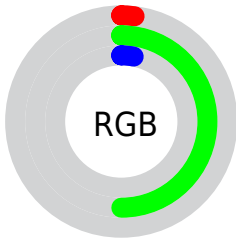
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 4, 124, 128 |
| Decimal | 294920 |
| CIELab | 46.29, -51.08, 48.31 |
| CIELCh | 46, 70.307, 136.591 |
| Yxy | 15.4817, 0.2993, 0.5931 |
| Android (android.graphics.Color) | 4278485000 (0xFF048008) |
| YUV | 77.2440, -34.1373, -64.2350 |
| Hunter-Lab | 39.3468, -33.4122, 23.3142 |

Details

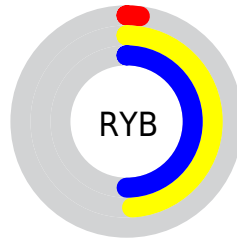
The Hex color **048008** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **80047C**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **52B643**, and **004D00** is the 20% darker color. If you saturate the color by 10%, you get **008004**, and if you desaturate by 10%, it is **118014**.

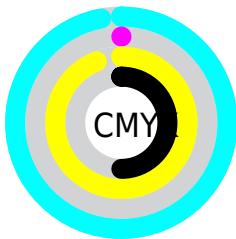
Distribution



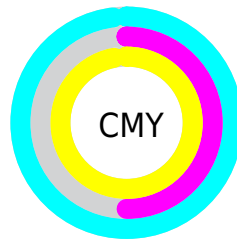
- Red (2%)
- Green (50%)
- Blue (3%)



- Red (2%)
- Yellow (49%)
- Blue (50%)



- Cyan (97%)
- Magenta (0%)
- Yellow (94%)
- Black (50%)




- Cyan (98%)
- Magenta (50%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 048008 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 048008 by changing the saturation by 10% instead.

 048008

 048008

FFFFFF

 006600

 52B643

 004D00

 70D25D

 003500

 8CEF78

 001E00

 A9FF93

 000000

 C6FFAE

 E4FFCA

 FFFFE7

 048008

 048008

■ 008004

■ 118014

■ 1E8021

■ 2A802D

■ 37803A

■ 448046

■ 518052

■ 5E805F

■ 6A806B

■ 778077

Harmonies

Analogous

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



677500



048008



008550

Triad

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



048008



007CE1



D32150

Complementary

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



048008



80047C

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.



C8268B



048008



006AE0

Square

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



048008



0085C3



974CC0



C14415

Rectangle

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



048008



00877A



974CC0



D31B63

Sweetspot

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



048008



76A677



7E8004



375438



D4D4D4



545454

Same Dimension

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



048008



00A605



048044



39403A



008004



000000

Inverse Universe

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



80047C



A600A0



800440



403940



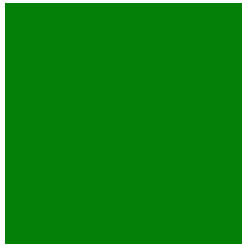
80007B



000000

Previews

White Background



This preview shows how the Hex color 048008 looks on a white background.

Color Contrast Check

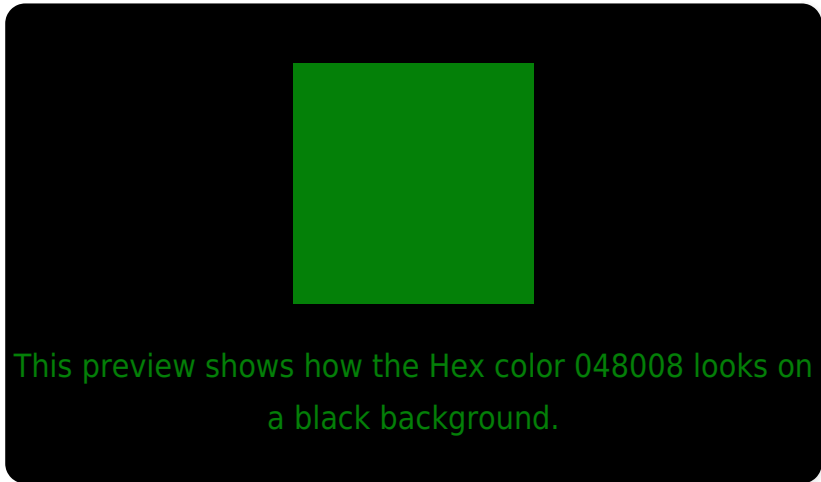
Large Text (above 18pt) WCAG AA ✓ Pass

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 048008 Background



This preview shows how black text looks on a background with the Hex color 048008.



This preview shows how white text looks on a background with the Hex color 048008.

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
048008

Protanopia
7B6E00

Deuteranopia
89681D



Tritanopia
367781

Trichromacy



Original Color
048008



Protanomaly
507503



Deuteranomaly
597115



Tritanomaly
247A55

Monochromacy



Original Color
048008



Achromatopsia
4D4D4D



Achromatomaly
326034

CSS Examples

Text

The CSS property to change the color of the text to Hex 048008 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 #048008 looks like.

```
.text, #text, p{  
    color:#048008  
}
```

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 #048008 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #048008
}
```

Border

The CSS property to change the border of an element to Hex 048008 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
#048008 }
```

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

```
.border{ border-color:#048008 }
```

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

Here you see how a box with a 4 pixel #048008 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #048008; -webkit-box-shadow:4px 4px  
4px 4px #048008; box-shadow:4px 4px 4px  
4px #048008 }
```

Background

The CSS property to change the background color of an element to Hex 048008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#048008 }
```

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

```
.background{ background-color:#048008 }
```

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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