

Converting Colors

Hex(008038)

Have a look what the booklet for
Hex(008038) contains.

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Color

Hex(008038)

Conversions

Conversions Part 1

Format	Color
Hex	008038
RGB	0, 128, 56
RGB Percent	0%, 50%, 22%
CMY	1.0000, 0.4980, 0.7804
CMYK	1.00, 0.00, 0.56, 0.50
HSL	146°, 100%, 25%
HSV	146°, 100%, 50%
XYZ	8.4330, 15.7239, 6.3319
YIQ	81.5200, -53.1760, -49.5280

Conversions

Conversions Part 2

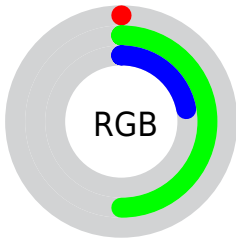
Format	Color
RYB	0, 89, 128
Decimal	32824
CIELab	46.61, -46.86, 30.46
CIELCh	47, 55.895, 146.976
Yxy	15.7239, 0.2766, 0.5157
Android (android.graphics.Color)	4278222904 (0xFF008038)
YUV	81.5200, -12.5814, -71.4930
Hunter-Lab	39.6533, -31.4322, 18.2898

Details

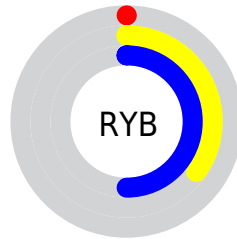
The Hex color **008038** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **800048**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **4FB669**, and **004D08** is the 20% darker color. If you saturate the color by 10%, you get **008038**, and if you desaturate by 10%, it is **0D803F**.

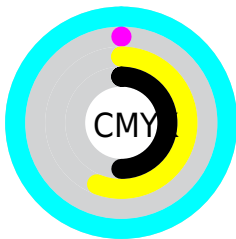
Distribution



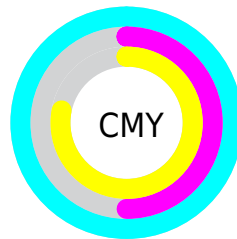
- Red (0%)
- Green (50%)
- Blue (22%)



- Red (0%)
- Yellow (35%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (56%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008038 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 008038 by changing the saturation by 10% instead.

 008038

 008038

FFFFFF

 006621

 4FB669

 004D08

 6CD282

 003500

 88EF9D

 001F00

 A5FFB8

 000000

 C1FFD4

 DFFFF1

 FFFFFFFF

 008038

 0D803F

 1A8046

 26804E

 338055

 40805C

 4D8063

 5A806A

 668072

 738079

Harmonies

Analogous

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



5B7808



008038



008468

Triad

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



008038



0076CD



C04447

Complementary

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



008038



800048

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.



BE3E75



008038



6364C3

Square

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



008038



0080BD



A24EA2



AC581D

Rectangle

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



008038



008489



A24EA2



C23F56

Sweetspot

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



008038



74A68A



498000



365443



D4D4D4



545454

Same Dimension

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



008038



00A649



008077



39403C



000000

Inverse Universe

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



800048



A6005D



800009



40393D



000000

Previews

White Background



This preview shows how the Hex color 008038 looks on a white background.

Color Contrast Check

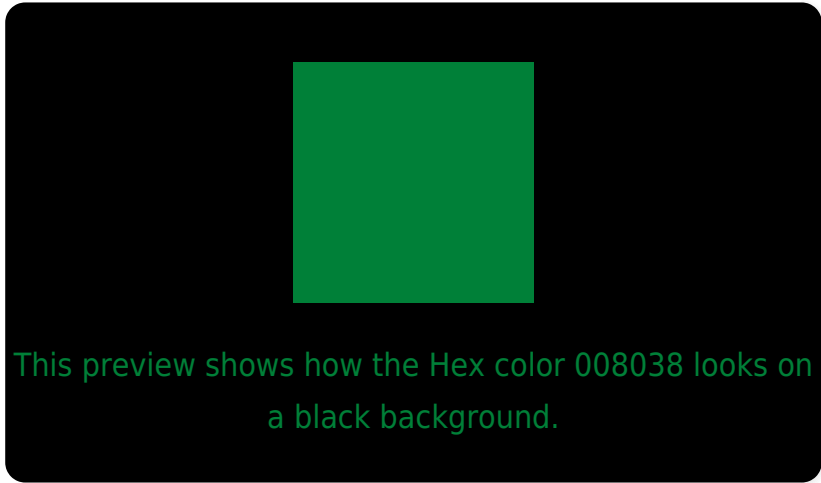
Large Text (above 18pt) WCAG AA ✓ Pass

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 008038 Background



This preview shows how black text looks on a background with the Hex color 008038.



This preview shows how white text looks on a background with the Hex color 008038.

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



Trichromacy



Original Color
008038



Protanomaly
4E7534



Deuteranomaly
55713C



Tritanomaly
207B67

Monochromacy



Original Color
008038



Achromatopsia
525252



Achromatomaly
346349

CSS Examples

Text

The CSS property to change the color of the text to Hex 008038 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 #008038 looks like.

```
.text, #text, p{  
    color:#008038  
}
```

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 #008038 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008038  
}
```

Border

The CSS property to change the border of an element to Hex 008038 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  
#008038 }
```

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

```
.border{ border-color:#008038 }
```

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

Here you see how a box with a 4 pixel #008038 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008038; -webkit-box-shadow:4px 4px  
4px 4px #008038; box-shadow:4px 4px 4px  
4px #008038 }
```

Background

The CSS property to change the background color of an element to Hex 008038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008038 }
```

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

```
.background{ background-color:#008038 }
```

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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