

Converting Colors

Hex(008033)

Have a look what the booklet for
Hex(008033) contains.

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Color

Hex(008033)

Conversions

Conversions Part 1

Format	Color
Hex	008033
RGB	0, 128, 51
RGB Percent	0%, 50%, 20%
CMY	1.0000, 0.4980, 0.8000
CMYK	1.00, 0.00, 0.60, 0.50
HSL	144°, 100%, 25%
HSV	144°, 100%, 50%
XYZ	8.3167, 15.6774, 5.7197
YIQ	80.9500, -51.5710, -51.0830

Conversions

Conversions Part 2

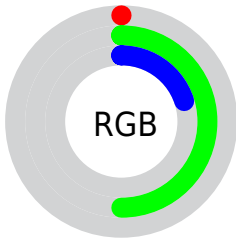
Format	Color
RYB	0, 92, 128
Decimal	32819
CIELab	46.55, -47.63, 32.94
CIELCh	47, 57.908, 145.333
Yxy	15.6774, 0.2799, 0.5276
Android (android.graphics.Color)	4278222899 (0xFF008033)
YUV	80.9500, -14.7653, -70.9931
Hunter-Lab	39.5946, -31.7973, 19.1515

Details

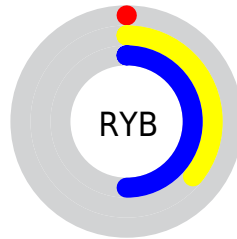
The Hex color **008033** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **80004D**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **4FB664**, and **004D02** is the 20% darker color. If you saturate the color by 10%, you get **008033**, and if you desaturate by 10%, it is **0D803B**.

Distribution



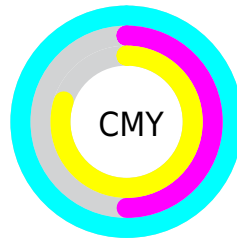
- Red (0%)
- Green (50%)
- Blue (20%)



- Red (0%)
- Yellow (36%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (60%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008033 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 008033 by changing the saturation by 10% instead.

 008033

 008033

FFFFFF

 00661B

 4FB664

 004D02

 6CD27E

 003500

 88EF98

 001F00

 A5FFB3

 000000

 C2FFCF

 DFFFEB

 FDFFFF

 008033

 0D803B

 1A8042

 26804A

 338052

 40805A

 4D8061

 5A8069

 668071

 738078

Harmonies

Analogous

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



5D7800



008033



008465

Triad

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



008033



0076D0



C24048

Complementary

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



008033



80004D

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.



C03B78



008033



5D65C7

Square

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



008033



0080BE



A14DA6



AF551B

Rectangle

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



008033



008587



A14DA6



C43C58

Sweetspot

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



008033



74A688



4F8000



365442



D4D4D4



545454

Same Dimension

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



008033



00A642



008071



39403C



000000

Inverse Universe

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



80004D



A60064



80000F



40393D



000000

Previews

White Background



This preview shows how the Hex color 008033 looks on a white background.

Color Contrast Check

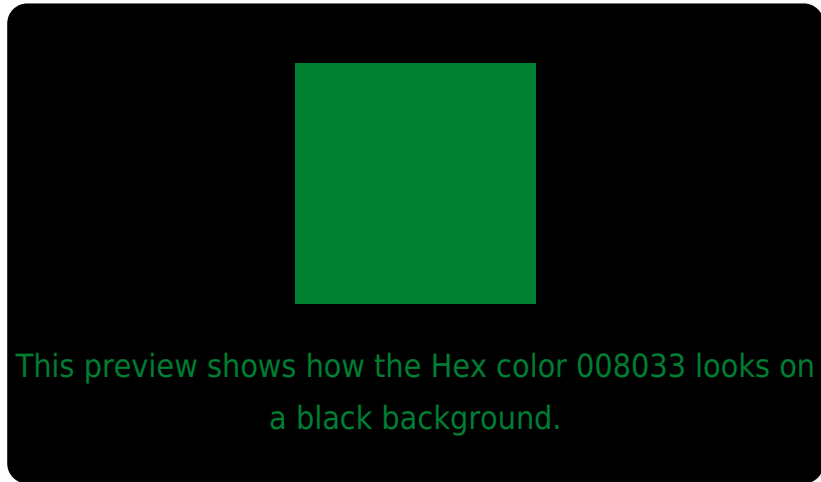
Large Text (above 18pt) WCAG AA ✓ Pass

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 008033 Background



This preview shows how black text looks on a background with the Hex color 008033.



This preview shows how white text looks on a background with the Hex color 008033.

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
008033

Protanopia
7A6E2E

Deuteranopia
87693A



Tritanopia
337882

Trichromacy



Original Color
008033



Protanomaly
4E7530



Deuteranomaly
567137



Tritanomaly
207B65

Monochromacy



Original Color
008033



Achromatopsia
515151



Achromatomaly
346246

CSS Examples

Text

The CSS property to change the color of the text to Hex 008033 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 #008033 looks like.

```
.text, #text, p{  
    color:#008033  
}
```

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 #008033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008033
}
```

Border

The CSS property to change the border of an element to Hex 008033 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
#008033 }
```

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

```
.border{ border-color:#008033 }
```

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

Here you see how a box with a 4 pixel #008033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008033; -webkit-box-shadow:4px 4px  
4px 4px #008033; box-shadow:4px 4px 4px  
4px #008033 }
```

Background

The CSS property to change the background color of an element to Hex 008033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008033 }
```

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

```
.background{ background-color:#008033 }
```

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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