

Converting Colors

Hex(008050)

Have a look what the booklet for
Hex(008050) contains.

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Color

Hex(008050)

Conversions

Conversions Part 1

Format	Color
Hex	008050
RGB	0, 128, 80
RGB Percent	0%, 50%, 31%
CMY	1.0000, 0.4980, 0.6863
CMYK	1.00, 0.00, 0.38, 0.50
HSL	158°, 100%, 25%
HSV	158°, 100%, 50%
XYZ	9.1671, 16.0175, 10.1980
YIQ	84.2560, -60.8800, -42.0640

Conversions

Conversions Part 2

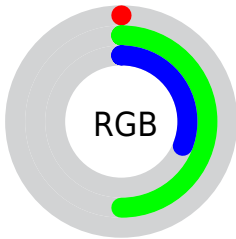
Format	Color
RYB	0, 79, 128
Decimal	32848
CIELab	47.00, -42.24, 17.79
CIELCh	47, 45.835, 157.162
Yxy	16.0175, 0.2591, 0.4527
Android (android.graphics.Color)	4278222928 (0xFF008050)
YUV	84.2560, -2.0982, -73.8925
Hunter-Lab	40.0219, -29.1524, 12.9077

Details

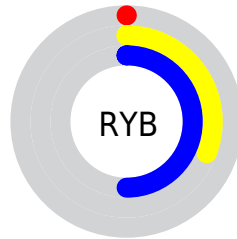
The Hex color **008050** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **800030**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **4FB682**, and **004D23** is the 20% darker color. If you saturate the color by 10%, you get **008050**, and if you desaturate by 10%, it is **0D8055**.

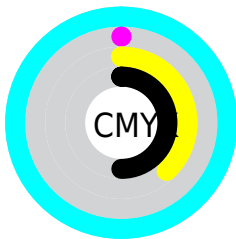
Distribution



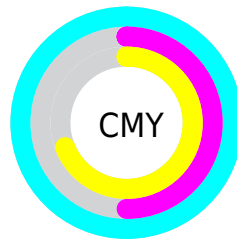
- Red (0%)
- Green (50%)
- Blue (31%)



- Red (0%)
- Yellow (31%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008050 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 008050 by changing the saturation by 10% instead.

 008050

 008050

FFFFFF

 006639

 4FB682

 004D23

 6BD29C

 00350E

 88EEB7

 002000

 A4FFD2

 000000

 C1FFE7

 DEFFFF

 FCFFFF

 008050

 0D8055

 1A805A

 26805E

 338063

 408068

 4D806D

 5A8072

 668076

 73807B

Harmonies

Analogous

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



537A2E



008050



008278

Triad

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



008050



3171BC



B15443

Complementary

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



008050



800030

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.



B54C68



008050



7D61AD

Square

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



008050



007BB6



A5528E



9C6326

Rectangle

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



008050



008291



A5528E



B4504F

Sweetspot

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



008050



74A693



318000



365449



D4D4D4



545454

Same Dimension

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



008050



00A668



007180



39403D



000000

Inverse Universe

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



800030



A6003E



800F00



40393C



000000

Previews

White Background



This preview shows how the Hex color 008050 looks on a white background.

Color Contrast Check

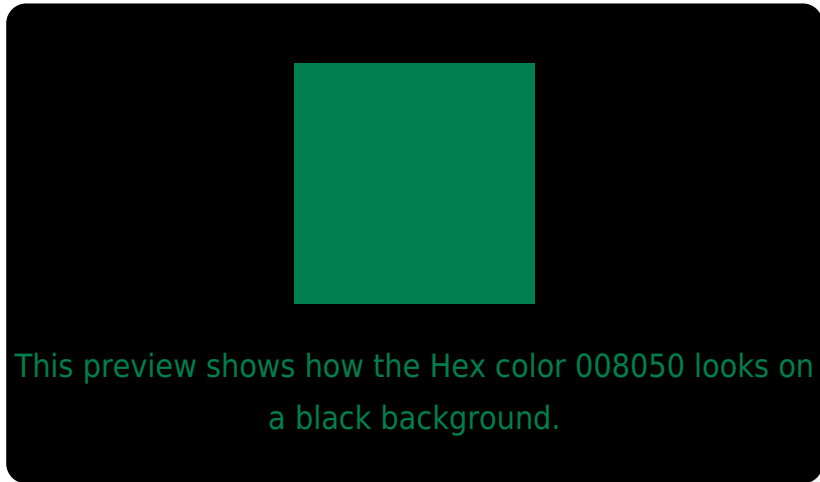
Large Text (above 18pt) WCAG AA ✓ Pass

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

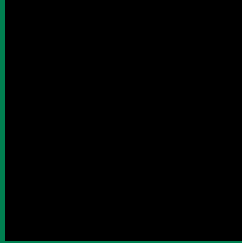
Any Text WCAG AA × Fail

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 008050 Background



This preview shows how black text looks on a background with the Hex color 008050.

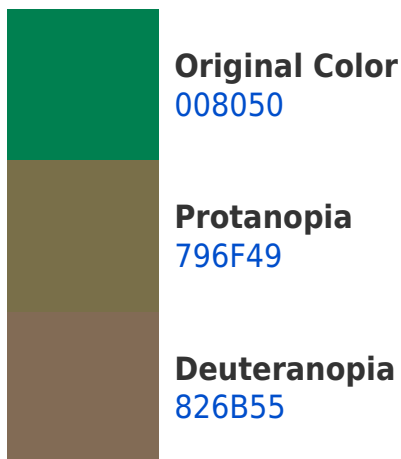


This preview shows how white text looks on a background with the Hex color 008050.

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





Tritanopia
2E7A84

Trichromacy



Original Color
008050



Protanomaly
4D754C



Deuteranomaly
537353



Tritanomaly
1D7C71

Monochromacy



Original Color
008050



Achromatopsia
545454



Achromatomaly
356453

CSS Examples

Text

The CSS property to change the color of the text to Hex 008050 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 #008050 looks like.

```
.text, #text, p{  
    color:#008050  
}
```

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 #008050 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008050
}
```

Border

The CSS property to change the border of an element to Hex 008050 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
#008050 }
```

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

```
.border{ border-color:#008050 }
```

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

Here you see how a box with a 4 pixel #008050 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008050; -webkit-box-shadow:4px 4px  
4px 4px #008050; box-shadow:4px 4px 4px  
4px #008050 }
```

Background

The CSS property to change the background color of an element to Hex 008050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008050 }
```

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

```
.background{ background-color:#008050 }
```

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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