

Converting Colors

Hex(008047)

Have a look what the booklet for
Hex(008047) contains.

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Color

Hex(008047)

Conversions

Conversions Part 1

Format	Color
Hex	008047
RGB	0, 128, 71
RGB Percent	0%, 50%, 28%
CMY	1.0000, 0.4980, 0.7216
CMYK	1.00, 0.00, 0.45, 0.50
HSL	153°, 100%, 25%
HSV	153°, 100%, 50%
XYZ	8.8565, 15.8933, 8.5622
YIQ	83.2300, -57.9910, -44.8630

Conversions

Conversions Part 2

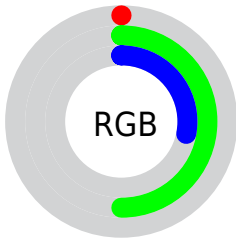
Format	Color
RYB	0, 82, 128
Decimal	32839
CIELab	46.83, -44.16, 22.65
CIELCh	47, 49.628, 152.845
Yxy	15.8933, 0.2659, 0.4771
Android (android.graphics.Color)	4278222919 (0xFF008047)
YUV	83.2300, -6.0294, -72.9927
Hunter-Lab	39.8664, -30.1115, 15.1727

Details

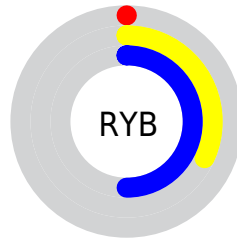
The Hex color **008047** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **800039**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **4FB678**, and **004D1A** is the 20% darker color. If you saturate the color by 10%, you get **008047**, and if you desaturate by 10%, it is **0D804D**.

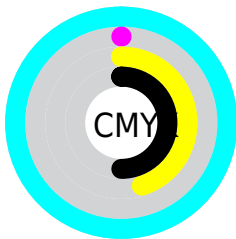
Distribution



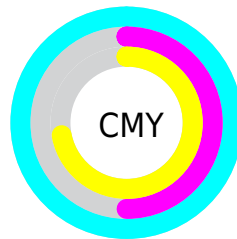
- Red (0%)
- Green (50%)
- Blue (28%)



- Red (0%)
- Yellow (32%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (45%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008047 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 008047 by changing the saturation by 10% instead.

 008047

 008047

FFFFFF

 006630

 4FB678

 004D1A

 6BD292

 003502

 88EFAD

 002000

 A4FFC8

 000000

 C1FFE4

 DEFFFF

 FCFFFF

 008047

 0D804D

 1A8052

 268058

 33805E

 408064

 4D8069

 5A806F

 668075

 73807A

Harmonies

Analogous

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



567922



008047



008372

Triad

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



008047



0073C3



B74E44

Complementary

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



008047



800039

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.



B9476D



008047



7562B5

Square

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



008047



007DB9



A45096



A25F22

Rectangle

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



008047



00838E



A45096



BA4A51

Sweetspot

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



008047



74A690



3A8000



365447



D4D4D4



545454

Same Dimension

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



008047



00A65C



007A80



39403D



000000

Inverse Universe

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



800039



A6004A



800600



40393C



000000

Previews

White Background



This preview shows how the Hex color 008047 looks on a white background.

Color Contrast Check

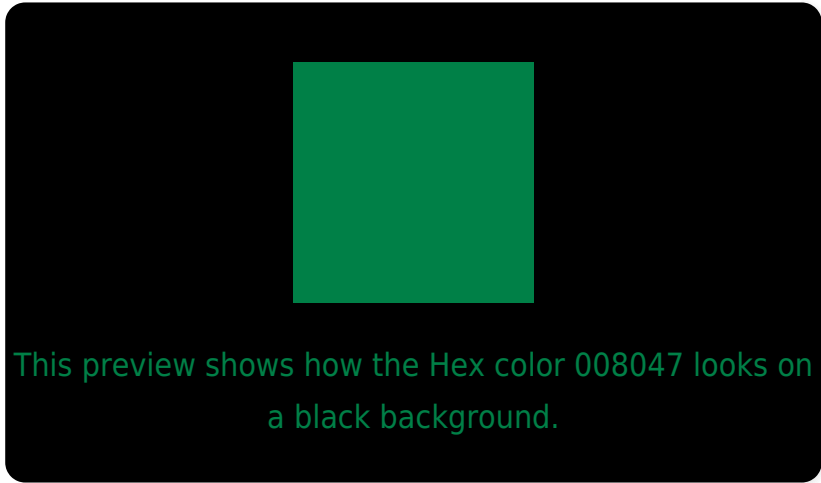
Large Text (above 18pt) WCAG AA ✓ Pass

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 008047 Background



This preview shows how black text looks on a background with the Hex color 008047.

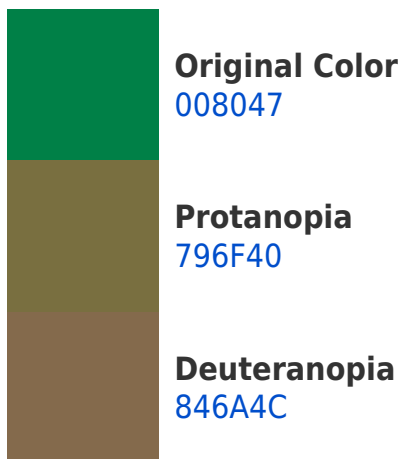


This preview shows how white text looks on a background with the Hex color 008047.

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
307983

Trichromacy



Original Color
008047



Protanomaly
4D7543



Deuteranomaly
54724A



Tritanomaly
1F7C6D

Monochromacy



Original Color
008047



Achromatopsia
535353



Achromatomaly
35634F

CSS Examples

Text

The CSS property to change the color of the text to Hex 008047 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 #008047 looks like.

```
.text, #text, p{  
    color:#008047  
}
```

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 #008047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008047
}
```

Border

The CSS property to change the border of an element to Hex 008047 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
#008047 }
```

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

```
.border{ border-color:#008047 }
```

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

Here you see how a box with a 4 pixel #008047 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008047; -webkit-box-shadow:4px 4px  
4px 4px #008047; box-shadow:4px 4px 4px  
4px #008047 }
```

Background

The CSS property to change the background color of an element to Hex 008047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008047 }
```

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

```
.background{ background-color:#008047 }
```

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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