

Converting Colors

Hex(008740)

Have a look what the booklet for
Hex(008740) contains.

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Color

Hex(008740)

Conversions

Conversions Part 1

Format	Color
Hex	008740
RGB	0, 135, 64
RGB Percent	0%, 53%, 25%
CMY	1.0000, 0.4706, 0.7490
CMYK	1.00, 0.00, 0.53, 0.47
HSL	148°, 100%, 26%
HSV	148°, 100%, 53%
XYZ	9.5894, 17.6981, 7.7612
YIQ	86.5410, -57.6690, -50.7010

Conversions

Conversions Part 2

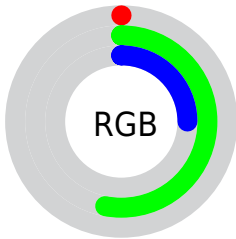
Format	Color
RYB	0, 92, 135
Decimal	34624
CIELab	49.13, -47.96, 29.36
CIELCh	49, 56.233, 148.520
Yxy	17.6981, 0.2736, 0.5050
Android (android.graphics.Color)	4278224704 (0xFF008740)
YUV	86.5410, -11.1127, -75.8965
Hunter-Lab	42.0691, -32.9330, 18.5102

Details

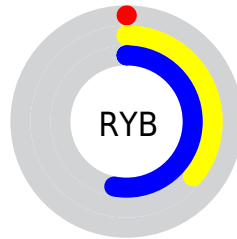
The Hex color **008740** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **870047**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **51BD71**, and **005411** is the 20% darker color. If you saturate the color by 10%, you get **008740**, and if you desaturate by 10%, it is **0D8747**.

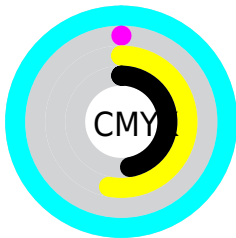
Distribution



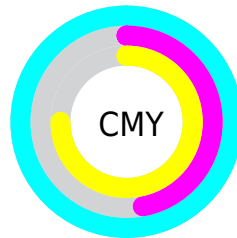
- Red (0%)
- Green (53%)
- Blue (25%)



- Red (0%)
- Yellow (36%)
- Blue (53%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (47%)



- Cyan (100%)
- Magenta (47%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008740 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 008740 by changing the saturation by 10% instead.

 008740

 008740

FFFFFF

 006D29

 51BD71

 005411

 6EDA8B

 003B00

 8BF7A6

 002600

 A7FFC1

 000000

 C4FFDD

 E2FFFA

 008740

 0D8747

 1B874E

 298755

 36875C

 448763

 51876B

 5E8772

 6C8779

 7A8780

Harmonies

Analogous

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



5F7F13



008740



008B71

Triad

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



008740



007BD4



C74B4A

Complementary

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



008740



870047

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.



C74479



008740



6F69C9

Square

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



008740



0086C6



AC53A7



B25F21

Rectangle

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



008740



008B92



AC53A7



CA4759

Sweetspot

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



008740



7BB094



488700



395948



D9D9D9



595959

Same Dimension

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



008740



00B053



008783



3C423F



00823E



000301

Inverse Universe

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



870047



B0005D



870004



423C3F



820044



030001

Previews

White Background



This preview shows how the Hex color 008740 looks on a white background.

Color Contrast Check

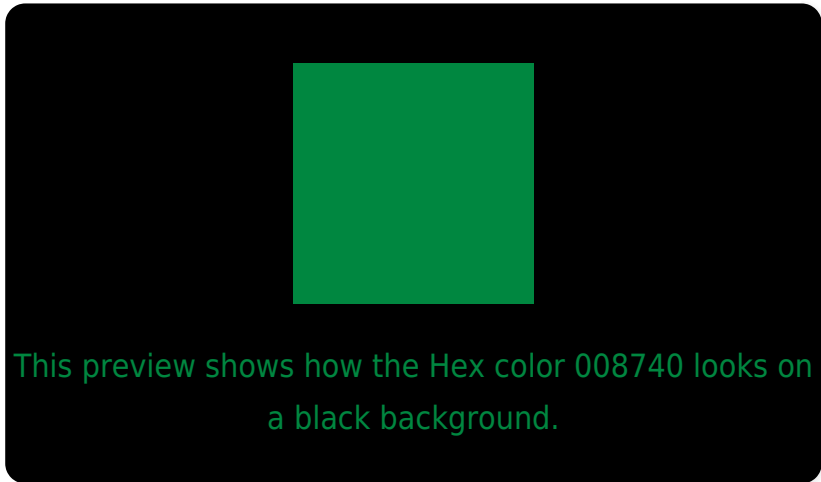
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 008740 Background



This preview shows how black text looks on a background with the Hex color 008740.



This preview shows how white text looks on a background with the Hex color 008740.

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
008740

Protanopia
81743A

Deuteranopia
8D6F46



Tritanopia
347F89

Trichromacy



Original Color
008740



Protanomaly
527B3C



Deuteranomaly
5A7844



Tritanomaly
21826E

Monochromacy



Original Color
008740



Achromatopsia
575757



Achromatomaly
37684F

CSS Examples

Text

The CSS property to change the color of the text to Hex 008740 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 #008740 looks like.

```
.text, #text, p{  
    color:#008740  
}
```

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 #008740 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008740
}
```

Border

The CSS property to change the border of an element to Hex 008740 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
#008740 }
```

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

```
.border{ border-color:#008740 }
```

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

Here you see how a box with a 4 pixel #008740 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008740; -webkit-box-shadow:4px 4px  
4px 4px #008740; box-shadow:4px 4px 4px  
4px #008740 }
```

Background

The CSS property to change the background color of an element to Hex 008740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008740 }
```

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

```
.background{ background-color:#008740 }
```

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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