

Converting Colors

Hex(008C46)

Have a look what the booklet for
Hex(008C46) contains.

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Color

Hex(008C46)

Conversions

Conversions Part 1

Format	Color
Hex	008C46
RGB	0, 140, 70
RGB Percent	0%, 55%, 27%
CMY	1.0000, 0.4510, 0.7255
CMYK	1.00, 0.00, 0.50, 0.45
HSL	150°, 100%, 27%
HSV	150°, 100%, 55%
XYZ	10.4836, 19.1984, 8.9475
YIQ	90.1600, -60.9700, -51.4500

Conversions

Conversions Part 2

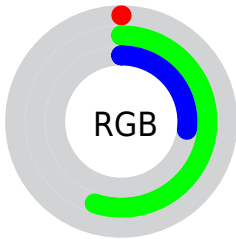
Format	Color
RYB	0, 93, 140
Decimal	35910
CIELab	50.92, -48.65, 28.43
CIELCh	51, 56.349, 149.705
Yxy	19.1984, 0.2714, 0.4970
Android (android.graphics.Color)	4278225990 (0xFF008C46)
YUV	90.1600, -9.9389, -79.0703
Hunter-Lab	43.8159, -33.9693, 18.5638

Details

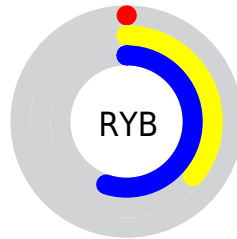
The Hex color **008C46** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **8C0046**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **53C378**, and **005817** is the 20% darker color. If you saturate the color by 10%, you get **008C46**, and if you desaturate by 10%, it is **0E8C4D**.

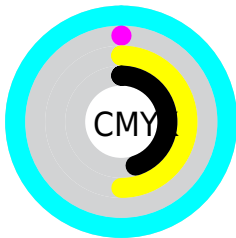
Distribution



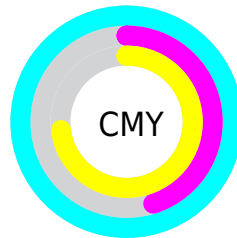
- Red (0%)
- Green (55%)
- Blue (27%)



- Red (0%)
- Yellow (36%)
- Blue (55%)



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



- Cyan (100%)
- Magenta (45%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008C46 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 008C46 by changing the saturation by 10% instead.

 008C46

 008C46

FFFFFF

 00722E

 53C378

 005817

 70DF92

 004000

 8DFCAD

 002A00

 AAFFC8

 000600

 C7FFE4

 000000

 E4FFFF

 008C46

 0E8C4D

 1C8C54

 2A8C5B

 388C62

 468C69

 548C70

 628C77

 708C7E

 7E8C85

Harmonies

Analogous

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



61841A



008C46



008F77

Triad

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



008C46



007FDA



CC504D

Complementary

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



008C46



8C0046

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.



CD497C



008C46



776DCD

Square

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



008C46



008ACC



B257AB



B66423

Rectangle

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



008C46



009098



B257AB



CF4C5C

Sweetspot

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



008C46



7FB59A



468C00



3B5C4B



DBDBDB



5C5C5C

Same Dimension

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



008C46



00B55B



008C8C



3E4541



008542



000503

Inverse Universe

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



8C0046



B5005B



8C0000



453E41



850042



050003

Previews

White Background



This preview shows how the Hex color 008C46 looks on a white background.

Color Contrast Check

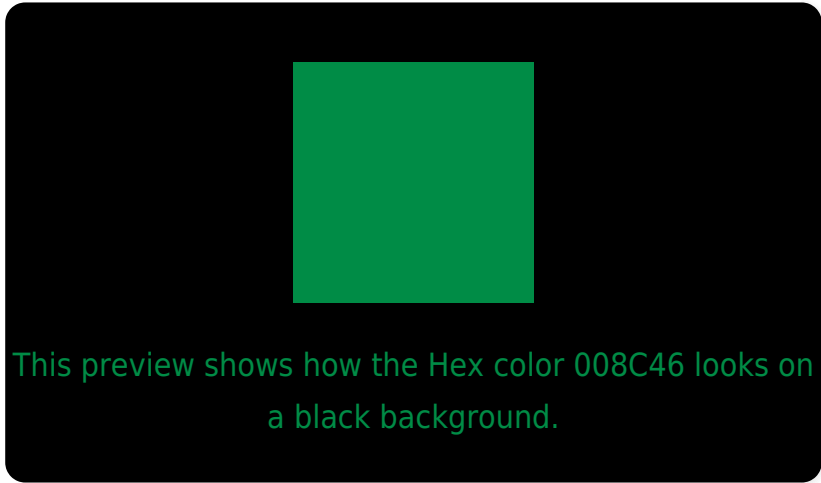
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 008C46 Background



This preview shows how black text looks on a background with the Hex color 008C46.



This preview shows how white text looks on a background with the Hex color 008C46.

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
36848F

Trichromacy



Original Color
008C46



Protanomaly
558042



Deuteranomaly
5D7C4A



Tritanomaly
228774

Monochromacy



Original Color
008C46



Achromatopsia
5A5A5A



Achromatomaly
396C53

CSS Examples

Text

The CSS property to change the color of the text to Hex 008C46 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 #008C46 looks like.

```
.text, #text, p{  
    color:#008C46  
}
```

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 #008C46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008C46
}
```

Border

The CSS property to change the border of an element to Hex 008C46 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
#008C46 }
```

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

```
.border{ border-color:#008C46 }
```

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

Here you see how a box with a 4 pixel #008C46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008C46; -webkit-box-shadow:4px 4px  
4px 4px #008C46; box-shadow:4px 4px 4px  
4px #008C46 }
```

Background

The CSS property to change the background color of an element to Hex 008C46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008C46 }
```

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

```
.background{ background-color:#008C46 }
```

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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