

Converting Colors

Hex(008C58)

Have a look what the booklet for
Hex(008C58) contains.

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Color

Hex(008C58)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 008C58 |
| RGB | 0, 140, 88 |
| RGB Percent | 0%, 55%, 35% |
| CMY | 1.0000, 0.4510, 0.6549 |
| CMYK | 1.00, 0.00, 0.37, 0.45 |
| HSL | 158°, 100%, 27% |
| HSV | 158°, 100%, 55% |
| XYZ | 11.1395, 19.4607, 12.4017 |
| YIQ | 92.2120, -66.7480, -45.8520 |

Conversions

Conversions Part 2

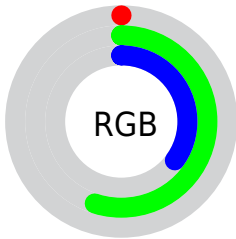
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 86, 140 |
| Decimal | 35928 |
| CIELab | 51.22, -45.06, 18.95 |
| CIELCh | 51, 48.885, 157.189 |
| Yxy | 19.4607, 0.2590, 0.4526 |
| Android (android.graphics.Color) | 4278226008 (0xFF008C58) |
| YUV | 92.2120, -2.0765, -80.8699 |
| Hunter-Lab | 44.1143, -32.1262, 14.2121 |

Details

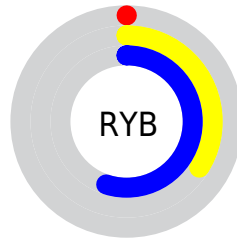
The Hex color **008C58** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **8C0034**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **52C38A**, and **00582A** is the 20% darker color. If you saturate the color by 10%, you get **008C58**, and if you desaturate by 10%, it is **0E8C5D**.

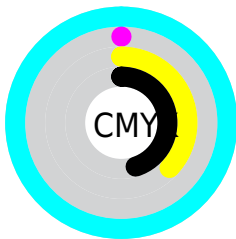
Distribution



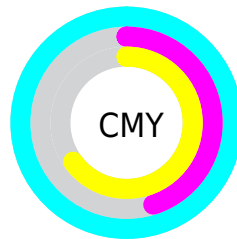
- Red (0%)
- Green (55%)
- Blue (35%)



- Red (0%)
- Yellow (34%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (37%)
- Black (45%)



- Cyan (100%)
- Magenta (45%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008C58 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 008C58 by changing the saturation by 10% instead.

 008C58

 008C58

FFFFFF

 007240

 52C38A

 00582A

 70DFA5

 004014

 8CFCC0

 002A00

 A9FFDC

 000800

 C6FFF8

 000000

 E4FFFF

 008C58

 0E8C5D

 1C8C62

 2A8C68

 388C6D

 468C72

 548C77

 628C7C

 708C82

 7E8C87

Harmonies

Analogous

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



5B8633



008C58



008E83

Triad

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



008C58



367BCD



C15C4A

Complementary

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



008C58



8C0034

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.



C65372



008C58



896BBD

Square

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



008C58



0087C7



B55A9B



AA6C2B

Rectangle

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



008C58



008E9F



B55A9B



C55856

Sweetspot

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



008C58



7FB5A1



368C00



3B5C50



DBDBDB



5C5C5C

Same Dimension

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



008C58



00B572



007C8C



3E4542



008553



000503

Inverse Universe

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



8C0034



B50043



8C1000



453E41



850031



050002

Previews

White Background



This preview shows how the Hex color 008C58 looks on a white background.

Color Contrast Check

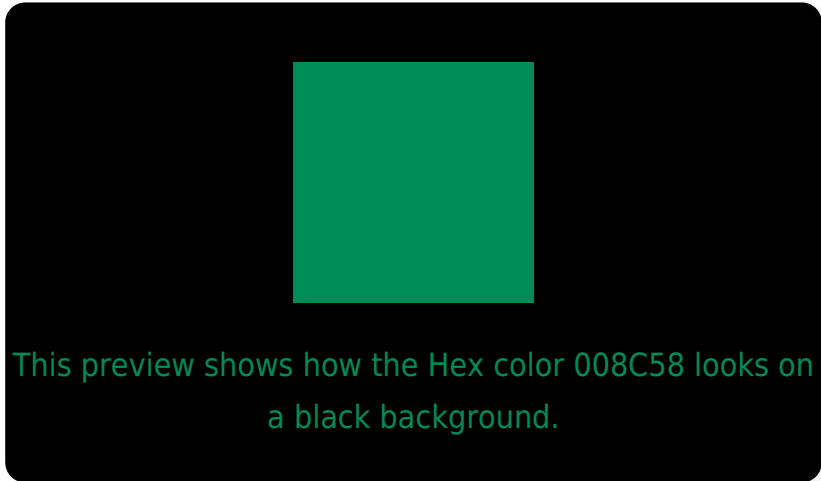
Large Text (above 18pt) WCAG AA ✓ Pass

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

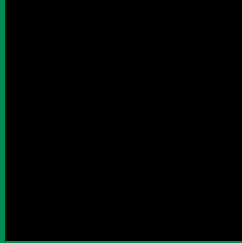
Any Text WCAG AA ✓ Pass

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 008C58 Background



This preview shows how black text looks on a background with the Hex color 008C58.

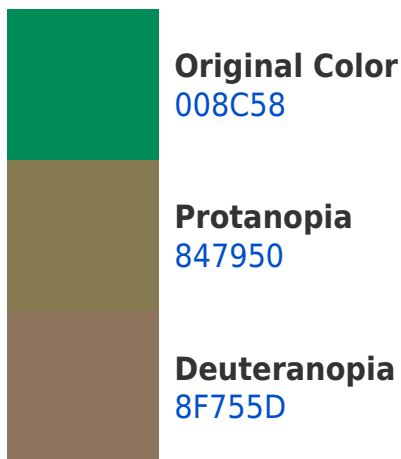


This preview shows how white text looks on a background with the Hex color 008C58.

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
328590

Trichromacy



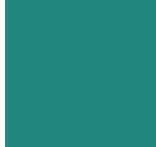
Original Color
008C58



Protanomaly
548053



Deuteranomaly
5B7D5B



Tritanomaly
20887C

Monochromacy



Original Color
008C58



Achromatopsia
5C5C5C



Achromatomaly
3B6D5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 008C58 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 #008C58 looks like.

```
.text, #text, p{  
    color:#008C58  
}
```

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 #008C58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008C58
}
```

Border

The CSS property to change the border of an element to Hex 008C58 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
#008C58 }
```

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

```
.border{ border-color:#008C58 }
```

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

Here you see how a box with a 4 pixel #008C58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008C58; -webkit-box-shadow:4px 4px  
4px 4px #008C58; box-shadow:4px 4px 4px  
4px #008C58 }
```

Background

The CSS property to change the background color of an element to Hex 008C58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008C58 }
```

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

```
.background{ background-color:#008C58 }
```

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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