

Converting Colors

Hex(008459)

Have a look what the booklet for
Hex(008459) contains.

Hex(008459)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(008459)

Conversions

Conversions Part 1

Format	Color
Hex	008459
RGB	0, 132, 89
RGB Percent	0%, 52%, 35%
CMY	1.0000, 0.4824, 0.6510
CMYK	1.00, 0.00, 0.33, 0.48
HSL	160°, 100%, 26%
HSV	160°, 100%, 52%
XYZ	10.0544, 17.2238, 12.2458
YIQ	87.6300, -64.8690, -41.3570

Conversions

Conversions Part 2

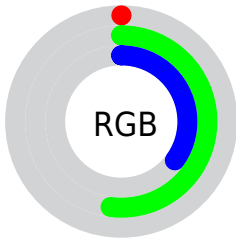
Format	Color
RYB	0, 79, 132
Decimal	33881
CIELab	48.54, -41.72, 14.74
CIElCh	49, 44.249, 160.545
Yxy	17.2238, 0.2544, 0.4358
Android (android.graphics.Color)	4278223961 (0xFF008459)
YUV	87.6300, 0.6754, -76.8515
Hunter-Lab	41.5016, -29.3832, 11.5565

Details

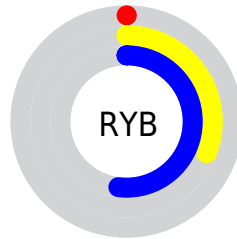
The Hex color **008459** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **84002B**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **50BA8B**, and **00512B** is the 20% darker color. If you saturate the color by 10%, you get **008459**, and if you desaturate by 10%, it is **0D845D**.

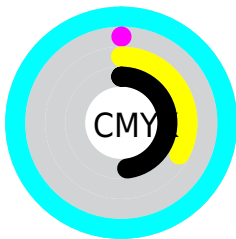
Distribution



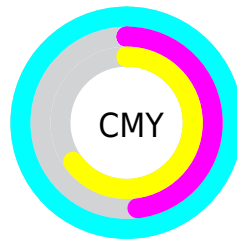
- Red (0%)
- Green (52%)
- Blue (35%)



- Red (0%)
- Yellow (31%)
- Blue (52%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (48%)



- Cyan (100%)
- Magenta (48%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008459 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 008459 by changing the saturation by 10% instead.

 008459

 008459

FFFFFF

 006A41

 50BA8B

 00512B

 6DD6A6

 003916

 89F3C1

 002400

 A6FFDD

 000000

 C3FFF9

 E0FFFF

 FEFFFF

 008459

 0D845D

 1A8462

 288466

 35846A

 42846F

 4F8473

 5C8477

 6A847B

 778480

Harmonies

Analogous

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



537F37



008459



008680

Triad

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



008459



4673BD



B25A44

Complementary

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



008459



84002B

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.



B85267



008459



8764AC

Square

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



008459



007EB9



AB568D



9C682B

Rectangle

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



008459



008598



AB568D



B6564F

Sweetspot

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



008459



78AB9A



2C8400



37574D



D6D6D6



575757

Same Dimension

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



008459



00AB73



006E84



3C4240



008258



000302

Inverse Universe

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



84002B



AB0038



841600



423C3E



82002A



030001

Previews

White Background



This preview shows how the Hex color 008459 looks on a white background.

Color Contrast Check

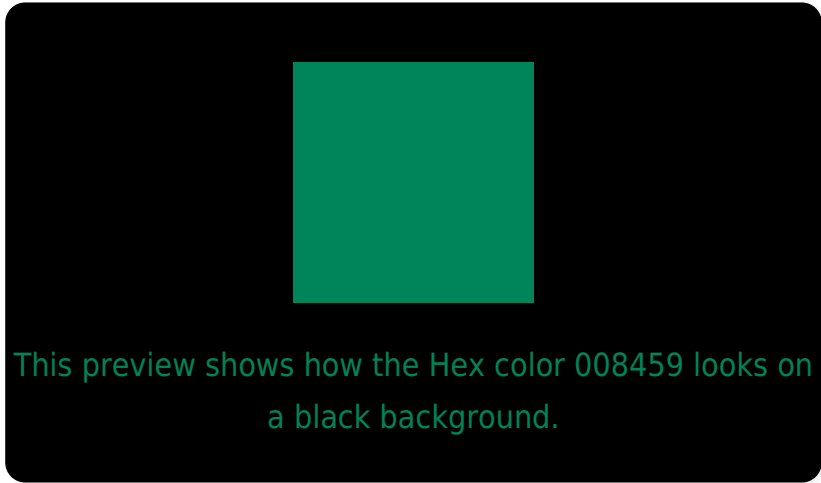
Large Text (above 18pt) WCAG AA ✓ Pass

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 008459 Background



This preview shows how black text looks on a background with the Hex color 008459.

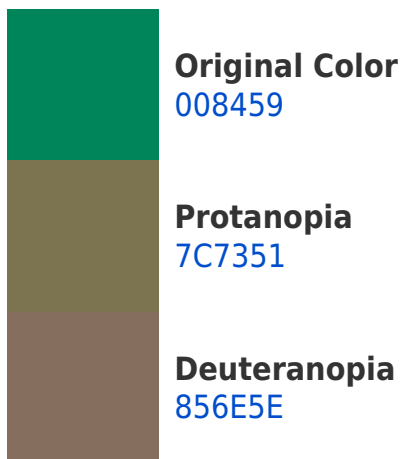


This preview shows how white text looks on a background with the Hex color 008459.

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
2D7E88

Trichromacy



Original Color
008459



Protanomaly
4F7954



Deuteranomaly
55765C



Tritanomaly
1D8077

Monochromacy



Original Color
008459



Achromatopsia
585858



Achromatomaly
386858

CSS Examples

Text

The CSS property to change the color of the text to Hex 008459 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 #008459 looks like.

```
.text, #text, p{  
    color:#008459  
}
```

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 #008459 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008459
}
```

Border

The CSS property to change the border of an element to Hex 008459 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
#008459 }
```

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

```
.border{ border-color:#008459 }
```

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

Here you see how a box with a 4 pixel #008459 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008459; -webkit-box-shadow:4px 4px  
4px 4px #008459; box-shadow:4px 4px 4px  
4px #008459 }
```

Background

The CSS property to change the background color of an element to Hex 008459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008459 }
```

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

```
.background{ background-color:#008459 }
```

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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