

Converting Colors

Hex(008D64)

Have a look what the booklet for
Hex(008D64) contains.

Hex(008D64)	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(008D64)

Conversions

Conversions Part 1

Format	Color
Hex	008D64
RGB	0, 141, 100
RGB Percent	0%, 55%, 39%
CMY	1.0000, 0.4471, 0.6078
CMYK	1.00, 0.00, 0.29, 0.45
HSL	163°, 100%, 28%
HSV	163°, 100%, 55%
XYZ	11.8251, 19.9699, 15.2879
YIQ	94.1670, -70.8750, -42.6430

Conversions

Conversions Part 2

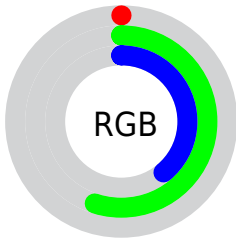
Format	Color
RYB	0, 82, 141
Decimal	36196
CIELab	51.80, -42.65, 12.95
CIELCh	52, 44.570, 163.107
Yxy	19.9699, 0.2512, 0.4241
Android (android.graphics.Color)	4278226276 (0xFF008D64)
YUV	94.1670, 2.8757, -82.5845
Hunter-Lab	44.6876, -30.9692, 10.9979

Details

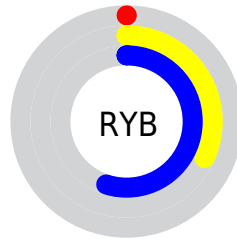
The Hex color **008D64** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **8D0029**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **53C497**, and **005935** is the 20% darker color. If you saturate the color by 10%, you get **008D64**, and if you desaturate by 10%, it is **0E8D68**.

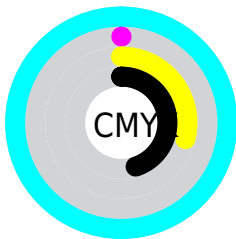
Distribution



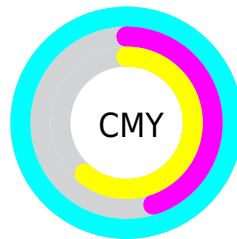
- Red (0%)
- Green (55%)
- Blue (39%)



- Red (0%)
- Yellow (32%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (29%)
- Black (45%)



- Cyan (100%)
- Magenta (45%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008D64 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 008D64 by changing the saturation by 10% instead.

 008D64

 008D64

FFFFFF

 00734C

 53C497

 005935

 70E0B2

 004120

 8DFDCD

 002B09

 AAFFE9

 000C00

 C7FFFF

 000000

 E5FFFF

 008D64

 0E8D68

 1C8D6C

 2A8D70

 388D74

 478D78

 558D7D

 638D81

 718D85

 7F8D89

Harmonies

Analogous

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



578841



008D64



008F8C

Triad

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



008D64



577AC6



BA6349

Complementary

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



008D64



8D0029

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.



C25A6C



008D64



946BB4

Square

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



008D64



0086C4



B65D93



A37231

Rectangle

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



008D64



008EA4



B65D93



BF5F54

Sweetspot

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



008D64



81B8A8



2A8D00



3B5C52



DBDBDB



5C5C5C

Same Dimension

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



008D64



00B882



00718D



404745



008760



000805

Inverse Universe

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



8D0029



B80035



8D1C00



474042



870027



080002

Previews

White Background



This preview shows how the Hex color 008D64 looks on a white background.

Color Contrast Check

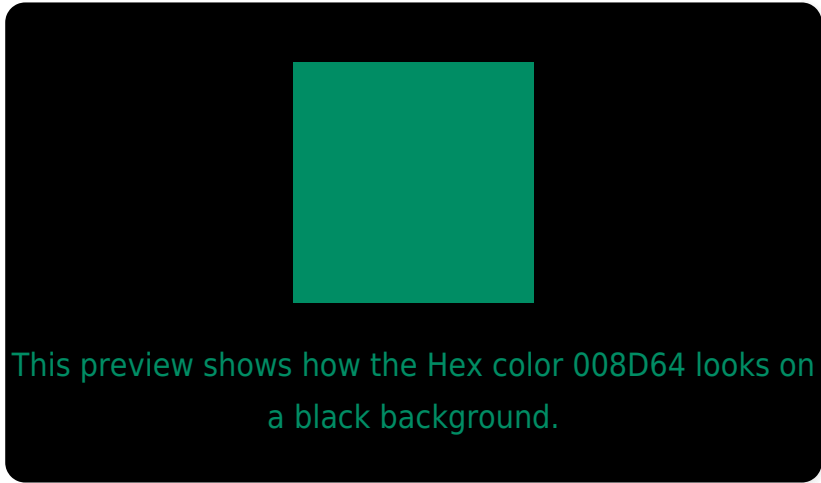
Large Text (above 18pt) WCAG AA ✓ Pass

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 008D64 Background



This preview shows how black text looks on a background with the Hex color 008D64.

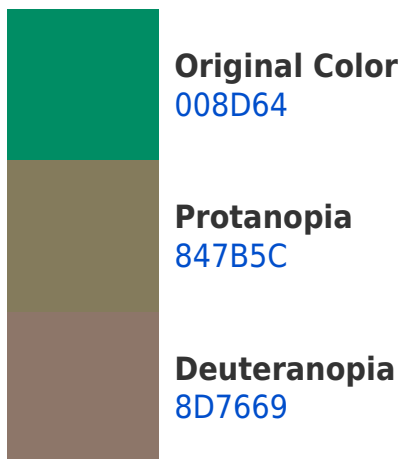


This preview shows how white text looks on a background with the Hex color 008D64.

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
2F8792

Trichromacy



Original Color
008D64



Protanomaly
54825F



Deuteranomaly
5A7E67



Tritanomaly
1E8981

Monochromacy



Original Color
008D64



Achromatopsia
5E5E5E



Achromatomaly
3C6F60

CSS Examples

Text

The CSS property to change the color of the text to Hex 008D64 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 #008D64 looks like.

```
.text, #text, p{  
    color:#008D64  
}
```

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 #008D64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008D64
}
```

Border

The CSS property to change the border of an element to Hex 008D64 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
#008D64 }
```

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

```
.border{ border-color:#008D64 }
```

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

Here you see how a box with a 4 pixel #008D64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008D64; -webkit-box-shadow:4px 4px  
4px 4px #008D64; box-shadow:4px 4px 4px  
4px #008D64 }
```

Background

The CSS property to change the background color of an element to Hex 008D64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008D64 }
```

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

```
.background{ background-color:#008D64 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor