

Converting Colors

Hex(008260)

Have a look what the booklet for
Hex(008260) contains.

Hex(008260)	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(008260)

Conversions

Conversions Part 1

Format	Color
Hex	008260
RGB	0, 130, 96
RGB Percent	0%, 51%, 38%
CMY	1.0000, 0.4902, 0.6235
CMYK	1.00, 0.00, 0.26, 0.49
HSL	164°, 100%, 25%
HSV	164°, 100%, 51%
XYZ	10.0940, 16.8098, 13.7789
YIQ	87.2540, -66.5660, -38.1340

Conversions

Conversions Part 2

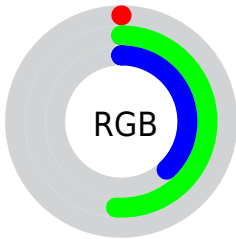
Format	Color
RYB	0, 75, 130
Decimal	33376
CIELab	48.02, -39.17, 9.97
CIELCh	48, 40.415, 165.722
Yxy	16.8098, 0.2481, 0.4132
Android (android.graphics.Color)	4278223456 (0xFF008260)
YUV	87.2540, 4.3118, -76.5218
Hunter-Lab	40.9997, -27.8037, 8.7740

Details

The Hex color **008260** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **820022**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **50B893**, and **004F32** is the 20% darker color. If you saturate the color by 10%, you get **008260**, and if you desaturate by 10%, it is **0D8263**.

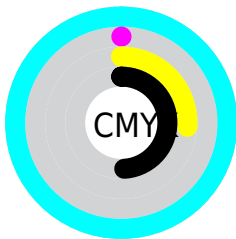
Distribution



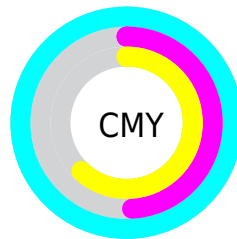
- Red (0%)
- Green (51%)
- Blue (38%)



- Red (0%)
- Yellow (29%)
- Blue (51%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (49%)



- Cyan (100%)
- Magenta (49%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008260 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 008260 by changing the saturation by 10% instead.

 008260

 008260

FFFFFF

 006848

 50B893

 004F32

 6DD4AD

 00371D

 89F0C9

 002303

 A6FFE5

 000000

 C2FFFF

 E0FFFF

 FEFFFF

 008260

 0D8263

 1A8267

 27826A

 34826E

 418271

 4E8274

 5B8278

 68827B

 75827F

Harmonies

Analogous

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



4E7E40



008260



008383

Triad

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



008260



586FB4



A95E43

Complementary

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



008260



820022

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.



B25561



008260



8B62A2

Square

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



008260



007AB4



A95784



936A2E

Rectangle

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



008260



008299



A95784



AE5A4C

Sweetspot

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



008260



76A89B



238200



36544C



D4D4D4



545454

Same Dimension

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



008260



00A87C



006482



39403E



00805E



000000

Inverse Universe

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



820022



A8002C



821E00



40393B



800021



000000

Previews

White Background



This preview shows how the Hex color 008260 looks on a white background.

Color Contrast Check

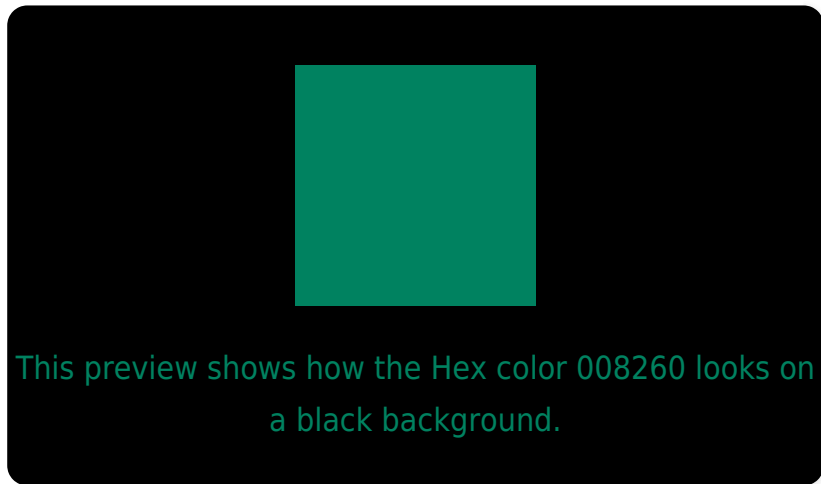
Large Text (above 18pt) WCAG AA ✓ Pass

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 008260 Background



This preview shows how black text looks on a background with the Hex color 008260.

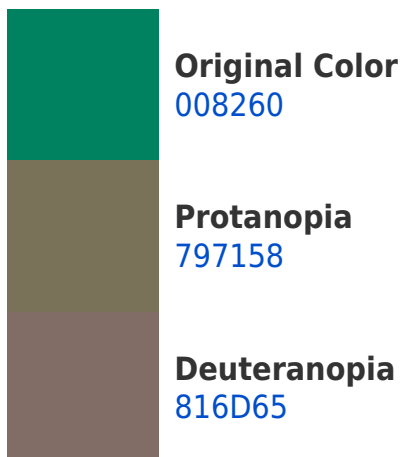


This preview shows how white text looks on a background with the Hex color 008260.

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
2A7D87

Trichromacy



Original Color
008260



Protanomaly
4D775B



Deuteranomaly
527563



Tritanomaly
1B7F79

Monochromacy



Original Color
008260



Achromatopsia
575757



Achromatomaly
37675A

CSS Examples

Text

The CSS property to change the color of the text to Hex 008260 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 #008260 looks like.

```
.text, #text, p{  
    color:#008260  
}
```

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 #008260 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008260
}
```

Border

The CSS property to change the border of an element to Hex 008260 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
#008260 }
```

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

```
.border{ border-color:#008260 }
```

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

Here you see how a box with a 4 pixel #008260 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008260; -webkit-box-shadow:4px 4px  
4px 4px #008260; box-shadow:4px 4px 4px  
4px #008260 }
```

Background

The CSS property to change the background color of an element to Hex 008260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008260 }
```

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

```
.background{ background-color:#008260 }
```

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