

Converting Colors

Hex(008156)

Have a look what the booklet for
Hex(008156) contains.

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Color

Hex(008156)

Conversions

Conversions Part 1

Format	Color
Hex	008156
RGB	0, 129, 86
RGB Percent	0%, 51%, 34%
CMY	1.0000, 0.4941, 0.6627
CMYK	1.00, 0.00, 0.33, 0.49
HSL	160°, 100%, 25%
HSV	160°, 100%, 51%
XYZ	9.5300, 16.3724, 11.4620
YIQ	85.5270, -63.0810, -40.7210

Conversions

Conversions Part 2

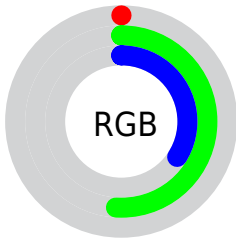
Format	Color
RYB	0, 77, 129
Decimal	33110
CIELab	47.46, -41.25, 14.98
CIELCh	47, 43.882, 160.042
Yxy	16.3724, 0.2551, 0.4382
Android (android.graphics.Color)	4278223190 (0xFF008156)
YUV	85.5270, 0.2332, -75.0072
Hunter-Lab	40.4628, -28.7689, 11.5287

Details

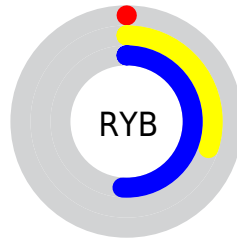
The Hex color **008156** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **81002B**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **4FB788**, and **004E28** is the 20% darker color. If you saturate the color by 10%, you get **008156**, and if you desaturate by 10%, it is **0D815A**.

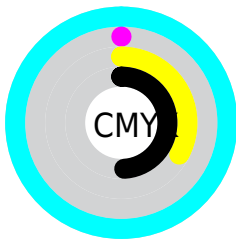
Distribution



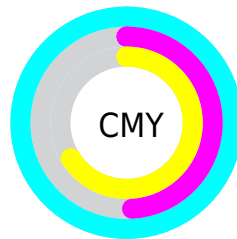
- Red (0%)
- Green (51%)
- Blue (34%)



- Red (0%)
- Yellow (30%)
- Blue (51%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (49%)




- Cyan (100%)
- Magenta (49%)
- Yellow (66%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008156 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 008156 by changing the saturation by 10% instead.

 008156

 008156

FFFFFF

 00673F

 4FB788

 004E28

 6CD3A2

 003614

 88EFBD

 002100

 A5FFD9

 000000

 C1FFF6

 DFFFFFF

 FFFFFFF

 008156

 0D815A

 1A815F

 278163

 348167

 41816C

 4D8170

 5A8174

 678178

 74817D

Harmonies

Analogous

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



517C35



008156



00837C

Triad

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



008156



4270B9



AE5843

Complementary

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



008156



81002B

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.



B54F66



008156



8362A9

Square

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



008156



007BB6



A7548B



996629

Rectangle

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



008156



008295



A7548B



B2544E

Sweetspot

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



008156



76A897



2B8100



36544A



D4D4D4



545454

Same Dimension

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



008156



00A870



006B81



39403E



008055



000000

Inverse Universe

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



81002B



A80038



811500



40393C



80002B



000000

Previews

White Background



This preview shows how the Hex color 008156 looks on a white background.

Color Contrast Check

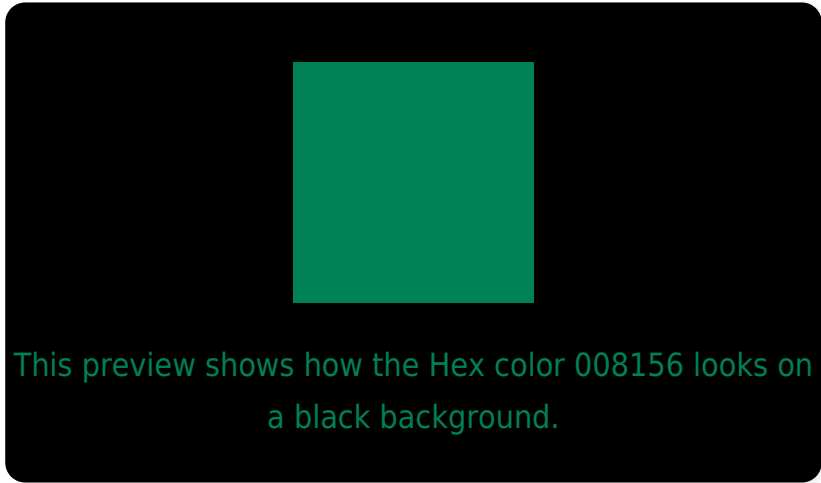
Large Text (above 18pt) WCAG AA ✓ Pass

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 008156 Background



This preview shows how black text looks on a background with the Hex color 008156.



This preview shows how white text looks on a background with the Hex color 008156.

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



Original Color
008156

Protanopia
79704F

Deuteranopia
826C5B



Tritanopia
2D7B85

Trichromacy



Original Color
008156



Protanomaly
4D7652



Deuteranomaly
537459



Tritanomaly
1D7D74

Monochromacy



Original Color
008156



Achromatopsia
565656



Achromatomaly
376656

CSS Examples

Text

The CSS property to change the color of the text to Hex 008156 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 #008156 looks like.

```
.text, #text, p{  
    color:#008156  
}
```

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 #008156 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008156
}
```

Border

The CSS property to change the border of an element to Hex 008156 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
#008156 }
```

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

```
.border{ border-color:#008156 }
```

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

Here you see how a box with a 4 pixel #008156 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008156; -webkit-box-shadow:4px 4px  
4px 4px #008156; box-shadow:4px 4px 4px  
4px #008156 }
```

Background

The CSS property to change the background color of an element to Hex 008156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008156 }
```

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

```
.background{ background-color:#008156 }
```

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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