

Converting Colors

Hex(008052)

Have a look what the booklet for
Hex(008052) contains.

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Color

Hex(008052)

Conversions

Conversions Part 1

Format	Color
Hex	008052
RGB	0, 128, 82
RGB Percent	0%, 50%, 32%
CMY	1.0000, 0.4980, 0.6784
CMYK	1.00, 0.00, 0.36, 0.50
HSL	158°, 100%, 25%
HSV	158°, 100%, 50%
XYZ	9.2422, 16.0475, 10.5930
YIQ	84.4840, -61.5220, -41.4420

Conversions

Conversions Part 2

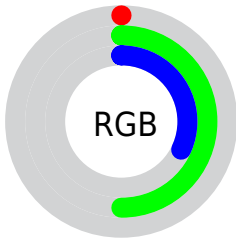
Format	Color
RYB	0, 78, 128
Decimal	32850
CIELab	47.04, -41.79, 16.70
CIELCh	47, 45.001, 158.217
Yxy	16.0475, 0.2576, 0.4472
Android (android.graphics.Color)	4278222930 (0xFF008052)
YUV	84.4840, -1.2246, -74.0925
Hunter-Lab	40.0594, -28.9219, 12.3633

Details

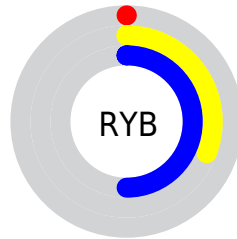
The Hex color **008052** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **80002E**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **4FB684**, and **004D25** is the 20% darker color. If you saturate the color by 10%, you get **008052**, and if you desaturate by 10%, it is **0D8057**.

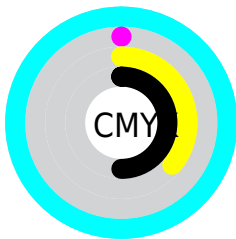
Distribution



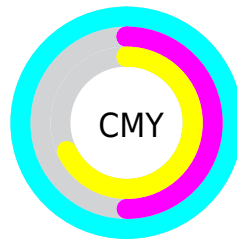
- Red (0%)
- Green (50%)
- Blue (32%)



- Red (0%)
- Yellow (31%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (36%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008052 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 008052 by changing the saturation by 10% instead.

 008052

 008052

FFFFFF

 00663B

 4FB684

 004D25

 6BD29E

 003510

 88EEB9

 002000

 A4FFD5

 000000

 C1FFF1

 DEFFF

 FCFFF

 008052

 0D8057

 1A805B

 268060

 338064

 408069

 4D806E

 5A8072

 668077

 73807B

Harmonies

Analogous

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



527B30



008052



008279

Triad

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



008052



3870BA



AF5543

Complementary

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



008052



80002E

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.



B54D67



008052



7F61AB

Square

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



008052



007BB5



A5528C



9A6327

Rectangle

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



008052



008192



A5528C



B3514E

Sweetspot

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



008052



74A694



2F8000



365449



D4D4D4



545454

Same Dimension

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



008052



00A66A



006F80



39403D



000000

Inverse Universe

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



80002E



A6003C



801100



40393C



000000

Previews

White Background



This preview shows how the Hex color 008052 looks on a white background.

Color Contrast Check

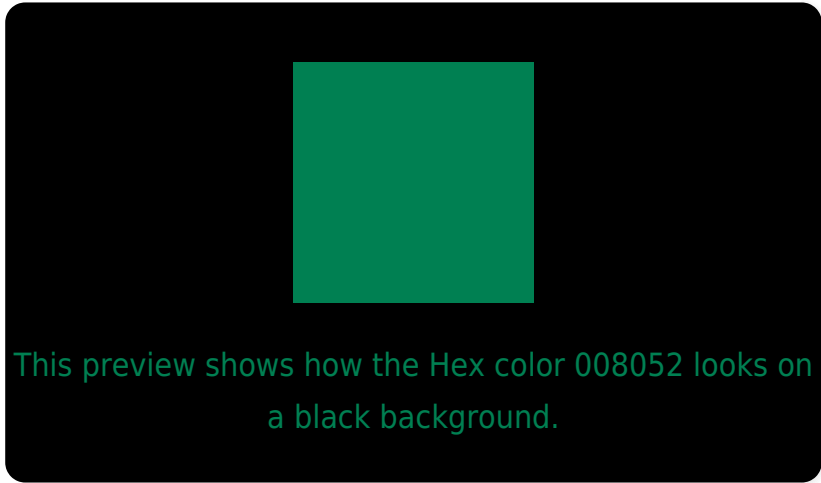
Large Text (above 18pt) WCAG AA ✓ Pass

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 008052 Background



This preview shows how black text looks on a background with the Hex color 008052.

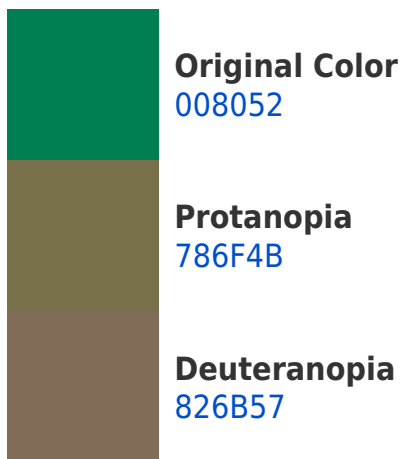


This preview shows how white text looks on a background with the Hex color 008052.

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
2D7A84

Trichromacy



Original Color
008052



Protanomaly
4C754E



Deuteranomaly
537355



Tritanomaly
1D7C72

Monochromacy



Original Color
008052



Achromatopsia
545454



Achromatomaly
356453

CSS Examples

Text

The CSS property to change the color of the text to Hex 008052 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 #008052 looks like.

```
.text, #text, p{  
    color:#008052  
}
```

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 #008052 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008052
}
```

Border

The CSS property to change the border of an element to Hex 008052 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
#008052 }
```

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

```
.border{ border-color:#008052 }
```

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

Here you see how a box with a 4 pixel #008052 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008052; -webkit-box-shadow:4px 4px  
4px 4px #008052; box-shadow:4px 4px 4px  
4px #008052 }
```

Background

The CSS property to change the background color of an element to Hex 008052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008052 }
```

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

```
.background{ background-color:#008052 }
```

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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