

Converting Colors

Hex(008252)

Have a look what the booklet for
Hex(008252) contains.

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Color

Hex(008252)

Conversions

Conversions Part 1

Format	Color
Hex	008252
RGB	0, 130, 82
RGB Percent	0%, 51%, 32%
CMY	1.0000, 0.4902, 0.6784
CMYK	1.00, 0.00, 0.37, 0.49
HSL	158°, 100%, 25%
HSV	158°, 100%, 51%
XYZ	9.5056, 16.5745, 10.6808
YIQ	85.6580, -62.0720, -42.4880

Conversions

Conversions Part 2

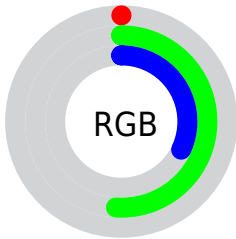
Format	Color
RYB	0, 80, 130
Decimal	33362
CIELab	47.72, -42.57, 17.62
CIELCh	48, 46.069, 157.510
Yxy	16.5745, 0.2586, 0.4509
Android (android.graphics.Color)	4278223442 (0xFF008252)
YUV	85.6580, -1.8034, -75.1221
Hunter-Lab	40.7117, -29.5683, 12.9433

Details

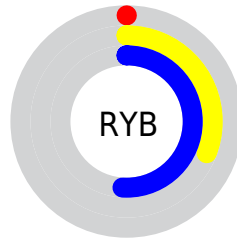
The Hex color **008252** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **820030**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **4FB884**, and **004F25** is the 20% darker color. If you saturate the color by 10%, you get **008252**, and if you desaturate by 10%, it is **0D8257**.

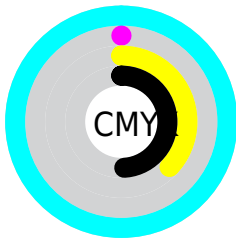
Distribution



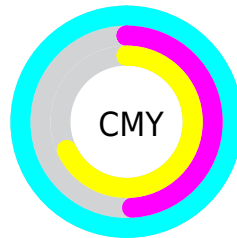
- Red (0%)
- Green (51%)
- Blue (32%)



- Red (0%)
- Yellow (31%)
- Blue (51%)



- Cyan (100%)
- Magenta (0%)
- Yellow (37%)
- Black (49%)



- Cyan (100%)
- Magenta (49%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008252 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 008252 by changing the saturation by 10% instead.


 008252

 008252

FFFFFF

 00683B

 4FB884

 004F25

 6CD49E

 003710

 88F1B9

 002200

 A5FFD5

 000000

 C2FFF1

 DFFFFF

 FDDFFF

 008252

 0D8257

 1A825C

 278260

 348265

 41826A

 4E826F

 5B8274

 688278

 75827D

Harmonies

Analogous

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



547C30



008252



00847A

Triad

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



008252



3472BE



B35644

Complementary

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



008252



820030

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.



B84D69



008252



8063AF

Square

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



008252



007DB9



A85390



9E6427

Rectangle

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



008252



008494



A85390



B75250

Sweetspot

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



008252



76A896



328200



365449



D4D4D4



545454

Same Dimension

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



008252



00A86A



007382



39403D



008050



000000

Inverse Universe

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



820030



A8003E



820F00



40393C



80002F



000000

Previews

White Background



This preview shows how the Hex color 008252 looks on a white background.

Color Contrast Check

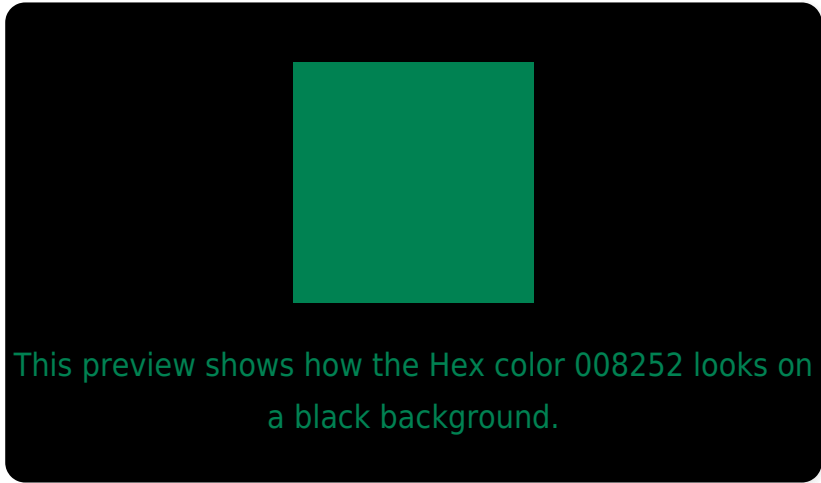
Large Text (above 18pt) WCAG AA ✓ Pass

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

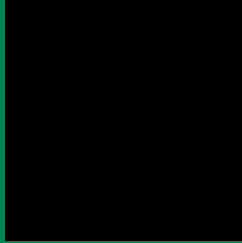
Any Text WCAG AA × Fail

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 008252 Background



This preview shows how black text looks on a background with the Hex color 008252.



This preview shows how white text looks on a background with the Hex color 008252.

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
008252

Protanopia
7A714B

Deuteranopia
846C57



Tritanopia
2E7C86

Trichromacy



Original Color

008252



Protanomaly

4E774E



Deuteranomaly

547455



Tritanomaly

1D7E73

Monochromacy



Original Color

008252



Achromatopsia

565656



Achromatomaly

376655

CSS Examples

Text

The CSS property to change the color of the text to Hex 008252 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 #008252 looks like.

```
.text, #text, p{  
    color:#008252  
}
```

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 #008252 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008252
}
```

Border

The CSS property to change the border of an element to Hex 008252 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
#008252 }
```

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

```
.border{ border-color:#008252 }
```

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

Here you see how a box with a 4 pixel #008252 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008252; -webkit-box-shadow:4px 4px  
4px 4px #008252; box-shadow:4px 4px 4px  
4px #008252 }
```

Background

The CSS property to change the background color of an element to Hex 008252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008252 }
```

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

```
.background{ background-color:#008252 }
```

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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