

Converting Colors

Hex(008B52)

Have a look what the booklet for
Hex(008B52) contains.

Hex(008B52)	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(008B52)

Conversions

Conversions Part 1

Format	Color
Hex	008B52
RGB	0, 139, 82
RGB Percent	0%, 55%, 32%
CMY	1.0000, 0.4549, 0.6784
CMYK	1.00, 0.00, 0.41, 0.45
HSL	155°, 100%, 27%
HSV	155°, 100%, 55%
XYZ	10.7556, 19.0744, 11.0975
YIQ	90.9410, -64.5470, -47.1950

Conversions

Conversions Part 2

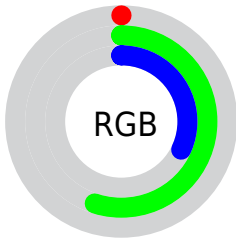
Format	Color
RYB	0, 87, 139
Decimal	35666
CIELab	50.77, -45.98, 21.71
CIELCh	51, 50.842, 154.728
Yxy	19.0744, 0.2628, 0.4661
Android (android.graphics.Color)	4278225746 (0xFF008B52)
YUV	90.9410, -4.4079, -79.7553
Hunter-Lab	43.6743, -32.4710, 15.5066

Details

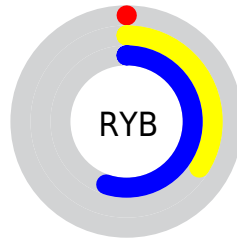
The Hex color **008B52** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **8B0039**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **52C284**, and **005724** is the 20% darker color. If you saturate the color by 10%, you get **008B52**, and if you desaturate by 10%, it is **0E8B58**.

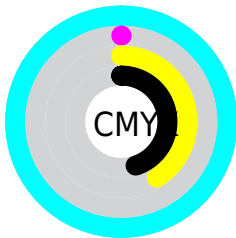
Distribution



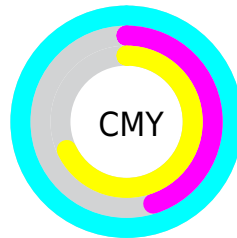
- Red (0%)
- Green (55%)
- Blue (32%)



- Red (0%)
- Yellow (34%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (45%)



- Cyan (100%)
- Magenta (45%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008B52 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 008B52 by changing the saturation by 10% instead.

 008B52

 008B52

FFFFFF

 00713A

 52C284

 005724

 6FDE9E

 003F0E

 8CFBB9

 002A00

 A9FFD5

 000500

 C6FFF2

 000000

 E3FFFF

 008B52

 0E8B58

 1C8B5D

 2A8B63

 388B69

 468B6E

 538B74

 618B7A

 6F8B80

 7D8B85

Harmonies

Analogous

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



5C842C



008B52



008E7F

Triad

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



008B52



1B7CCF



C3584A

Complementary

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



008B52



8B0039

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.



C75074



008B52



836AC1

Square

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



008B52



0087C7



B3589F



AC6928

Rectangle

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



008B52



008D9C



B3589F



C75457

Sweetspot

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



008B52



7FB59F



3A8B00



3B5C4E



DBDBDB



5C5C5C

Same Dimension

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



008B52



00B56B



007F8B



3E4542



00854E



000503

Inverse Universe

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



8B0039



B5004A



8B0C00



453E41



850036



050002

Previews

White Background



This preview shows how the Hex color 008B52 looks on a white background.

Color Contrast Check

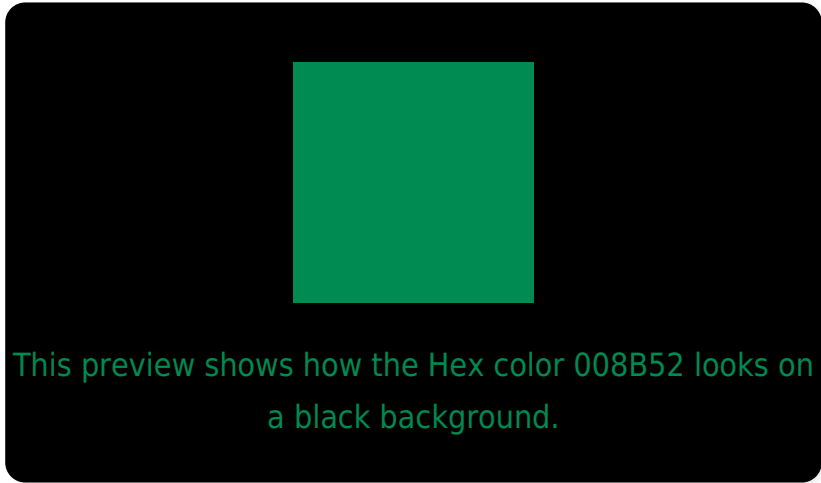
Large Text (above 18pt) WCAG AA ✓ Pass

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

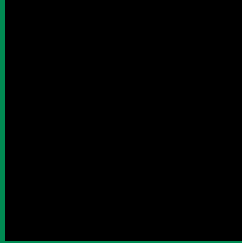
Any Text WCAG AA ✓ Pass

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 008B52 Background



This preview shows how black text looks on a background with the Hex color 008B52.



This preview shows how white text looks on a background with the Hex color 008B52.

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
008B52

Protanopia
83784B

Deuteranopia
8F7358



Tritanopia
33848F

Trichromacy



Original Color
008B52



Protanomaly
537F4E



Deuteranomaly
5B7C56



Tritanomaly
208779

Monochromacy



Original Color
008B52



Achromatopsia
5B5B5B



Achromatomaly
3A6C58

CSS Examples

Text

The CSS property to change the color of the text to Hex 008B52 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 #008B52 looks like.

```
.text, #text, p{  
    color:#008B52  
}
```

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 #008B52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008B52
}
```

Border

The CSS property to change the border of an element to Hex 008B52 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
#008B52 }
```

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

```
.border{ border-color:#008B52 }
```

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

Here you see how a box with a 4 pixel #008B52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008B52; -webkit-box-shadow:4px 4px  
4px 4px #008B52; box-shadow:4px 4px 4px  
4px #008B52 }
```

Background

The CSS property to change the background color of an element to Hex 008B52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008B52 }
```

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

```
.background{ background-color:#008B52 }
```

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