

Converting Colors

Hex(008B50)

Have a look what the booklet for
Hex(008B50) contains.

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Color

Hex(008B50)

Conversions

Conversions Part 1

Format	Color
Hex	008B50
RGB	0, 139, 80
RGB Percent	0%, 55%, 31%
CMY	1.0000, 0.4549, 0.6863
CMYK	1.00, 0.00, 0.42, 0.45
HSL	155°, 100%, 27%
HSV	155°, 100%, 55%
XYZ	10.6806, 19.0444, 10.7024
YIQ	90.7130, -63.9050, -47.8170

Conversions

Conversions Part 2

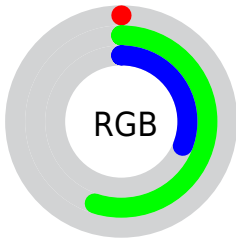
Format	Color
RYB	0, 88, 139
Decimal	35664
CIELab	50.74, -46.39, 22.77
CIELCh	51, 51.674, 153.859
Yxy	19.0444, 0.2642, 0.4711
Android (android.graphics.Color)	4278225744 (0xFF008B50)
YUV	90.7130, -5.2815, -79.5553
Hunter-Lab	43.6399, -32.6831, 16.0074

Details

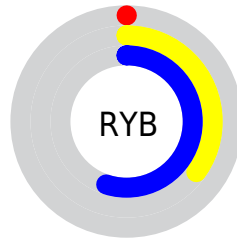
The Hex color **008B50** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **8B003B**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **52C282**, and **005722** is the 20% darker color. If you saturate the color by 10%, you get **008B50**, and if you desaturate by 10%, it is **0E8B56**.

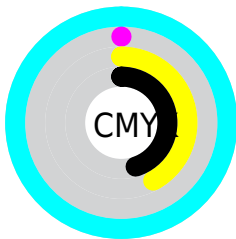
Distribution



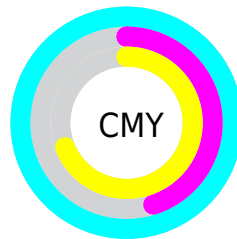
- Red (0%)
- Green (55%)
- Blue (31%)



- Red (0%)
- Yellow (35%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (45%)



- Cyan (100%)
- Magenta (45%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008B50 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 008B50 by changing the saturation by 10% instead.

 008B50

 008B50

FFFFFF

 007139

 52C282

 005722

 6FDE9C

 003F0C

 8CFBB7

 002A00

 A9FFD3

 000500

 C6FFEF

 000000

 E3FFFF

 008B50

 0E8B56

 1C8B5C

 2A8B62

 388B68

 468B6E

 538B73

 618B79

 6F8B7F

 7D8B85

Harmonies

Analogous

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



5D8429



008B50



008E7D

Triad

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



008B50



057CD1



C4574A

Complementary

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



008B50



8B003B

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.



C84F75



008B50



816BC2

Square

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



008B50



0087C8



B358A0



AE6827

Rectangle

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



008B50



008E9B



B358A0



C85258

Sweetspot

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



008B50



7FB59E



3C8B00



3B5C4E



DBDBDB



5C5C5C

Same Dimension

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



008B50



00B568



00828B



3E4542



00854C



000503

Inverse Universe

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



8B003B



B5004D



8B0900



453E41



850038



050002

Previews

White Background



This preview shows how the Hex color 008B50 looks on a white background.

Color Contrast Check

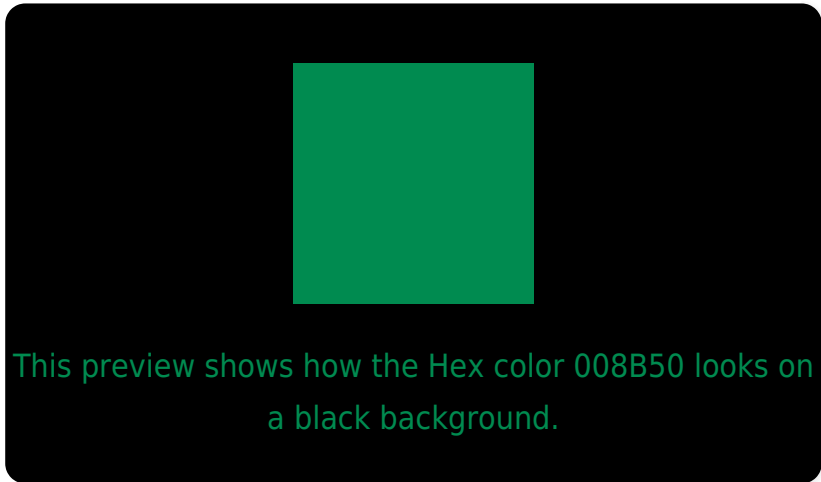
Large Text (above 18pt) WCAG AA ✓ Pass

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

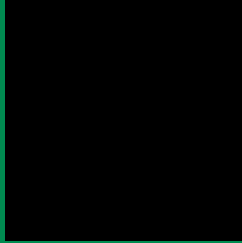
Any Text WCAG AA ✓ Pass

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 008B50 Background



This preview shows how black text looks on a background with the Hex color 008B50.

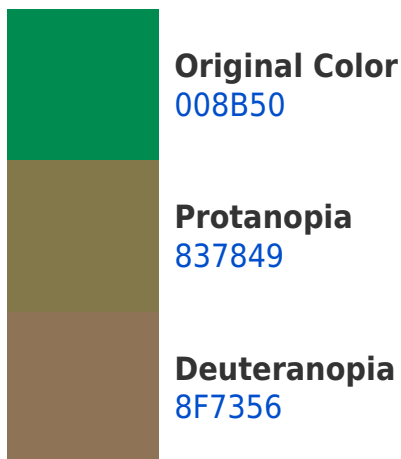


This preview shows how white text looks on a background with the Hex color 008B50.

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
33848E

Trichromacy



Original Color
008B50



Protanomaly
537F4C



Deuteranomaly
5B7C54



Tritanomaly
208777

Monochromacy



Original Color
008B50



Achromatopsia
5B5B5B



Achromatomaly
3A6C57

CSS Examples

Text

The CSS property to change the color of the text to Hex 008B50 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 #008B50 looks like.

```
.text, #text, p{  
    color:#008B50  
}
```

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 #008B50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008B50
}
```

Border

The CSS property to change the border of an element to Hex 008B50 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
#008B50 }
```

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

```
.border{ border-color:#008B50 }
```

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

Here you see how a box with a 4 pixel #008B50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008B50; -webkit-box-shadow:4px 4px  
4px 4px #008B50; box-shadow:4px 4px 4px  
4px #008B50 }
```

Background

The CSS property to change the background color of an element to Hex 008B50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008B50 }
```

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

```
.background{ background-color:#008B50 }
```

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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