

Converting Colors

Hex(008B33)

Have a look what the booklet for
Hex(008B33) contains.

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Color

Hex(008B33)

Conversions

Conversions Part 1

Format	Color
Hex	008B33
RGB	0, 139, 51
RGB Percent	0%, 55%, 20%
CMY	1.0000, 0.4549, 0.8000
CMYK	1.00, 0.00, 0.63, 0.45
HSL	142°, 100%, 27%
HSV	142°, 100%, 55%
XYZ	9.8302, 18.7043, 6.2241
YIQ	87.4070, -54.5960, -56.8360

Conversions

Conversions Part 2

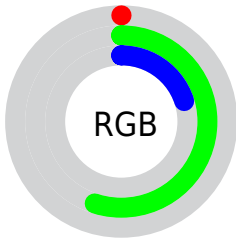
Format	Color
RYB	0, 102, 139
Decimal	35635
CIELab	50.34, -51.25, 37.33
CIELCh	50, 63.404, 143.926
Yxy	18.7043, 0.2828, 0.5381
Android (android.graphics.Color)	4278225715 (0xFF008B33)
YUV	87.4070, -17.9487, -76.6559
Hunter-Lab	43.2484, -35.1125, 21.7411

Details

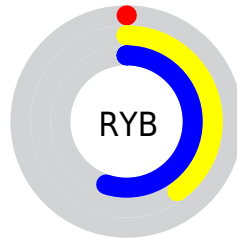
The Hex color **008B33** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **8B0058**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **53C265**, and **005700** is the 20% darker color. If you saturate the color by 10%, you get **008B33**, and if you desaturate by 10%, it is **0E8B3C**.

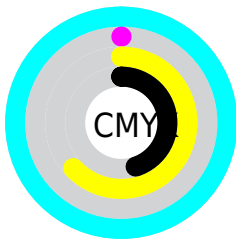
Distribution



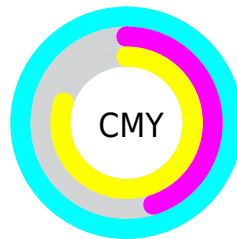
- Red (0%)
- Green (55%)
- Blue (20%)



- Red (0%)
- Yellow (40%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (63%)
- Black (45%)




- Cyan (100%)
- Magenta (45%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008B33 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 008B33 by changing the saturation by 10% instead.

 008B33

 008B33

FFFFFF

 00711A

 53C265

 005700

 70DE7F

 003F00

 8DFB99

 002900

 AAFFB4

 000200

 C7FFD0

 000000

 E5FFED

 008B33

 0E8B3C


 1C8B45

 2A8B4D

 388B56

 468B5F

 538B68

 618B71

 6F8B79

 7D8B82

Harmonies

Analogous

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



678200



008B33



008F6B

Triad

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



008B33



0082E4



D54250

Complementary

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



008B33



8B0058

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.



D13E85



008B33



5E6EDB

Square

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



008B33



008CCF



AD54B8



C05A1D

Rectangle

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



008B33



009090



AD54B8



D73D61

Sweetspot

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



008B33



7FB593



588B00



3B5C47



DBDBDB



5C5C5C

Same Dimension

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



008B33



00B542



008B78



3E4540



008531



000502

Inverse Universe

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



8B0058



B50073



8B0013



453E42



850054



050003

Previews

White Background



This preview shows how the Hex color 008B33 looks on a white background.

Color Contrast Check

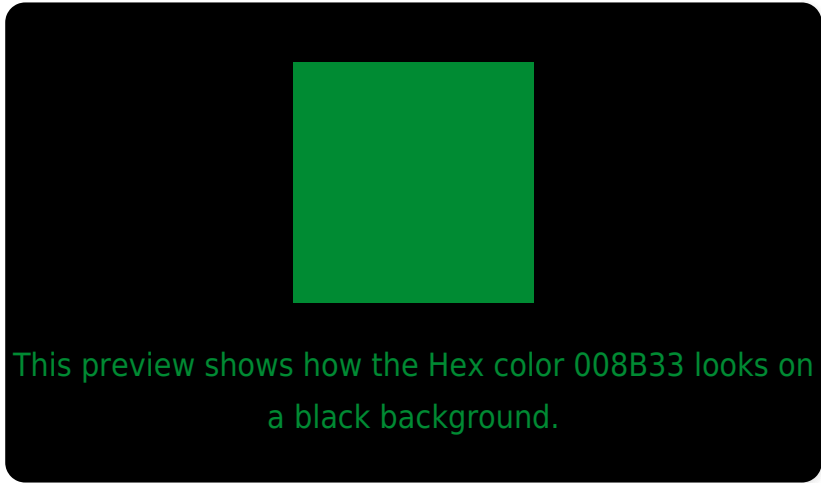
Large Text (above 18pt) WCAG AA ✓ Pass

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 008B33 Background



This preview shows how black text looks on a background with the Hex color 008B33.



This preview shows how white text looks on a background with the Hex color 008B33.

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
008B33

Protanopia
85772D

Deuteranopia
93723B



Tritanopia
38828D

Trichromacy



Original Color
008B33



Protanomaly
557E2F



Deuteranomaly
5E7B38



Tritanomaly
24856C

Monochromacy



Original Color
008B33



Achromatopsia
575757



Achromatomaly
376A4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 008B33 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 #008B33 looks like.

```
.text, #text, p{  
    color:#008B33  
}
```

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 #008B33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008B33
}
```

Border

The CSS property to change the border of an element to Hex 008B33 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
#008B33 }
```

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

```
.border{ border-color:#008B33 }
```

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

Here you see how a box with a 4 pixel #008B33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008B33; -webkit-box-shadow:4px 4px  
4px 4px #008B33; box-shadow:4px 4px 4px  
4px #008B33 }
```

Background

The CSS property to change the background color of an element to Hex 008B33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008B33 }
```

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

```
.background{ background-color:#008B33 }
```

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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