

# Converting Colors

Hex(008F33)

Have a look what the booklet for  
Hex(008F33) contains.

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**Color**

**Hex(008F33)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008F33
RGB	0, 143, 51
RGB Percent	0%, 56%, 20%
CMY	1.0000, 0.4392, 0.8000
CMYK	1.00, 0.00, 0.64, 0.44
HSL	141°, 100%, 28%
HSV	141°, 100%, 56%
XYZ	10.4200, 19.8839, 6.4208
YIQ	89.7550, -55.6960, -58.9280

# Conversions

## Conversions Part 2

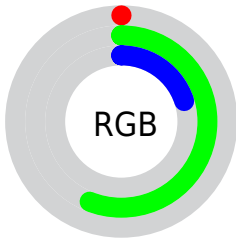
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 105, 143
Decimal	36659
CIELab	51.71, -52.53, 38.89
CIELCh	52, 65.360, 143.489
Yxy	19.8839, 0.2837, 0.5414
Android (android.graphics.Color)	4278226739 (0xFF008F33)
YUV	89.7550, -19.1062, -78.7151
Hunter-Lab	44.5914, -36.3236, 22.6768

# Details

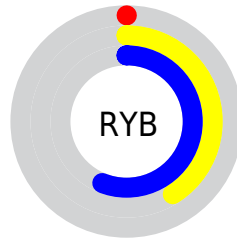
The Hex color **008F33** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **8F005C**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **54C665**, and **005B00** is the 20% darker color. If you saturate the color by 10%, you get **008F33**, and if you desaturate by 10%, it is **0E8F3C**.

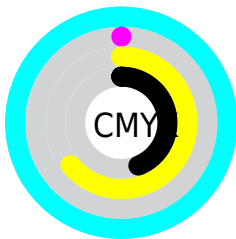
# Distribution



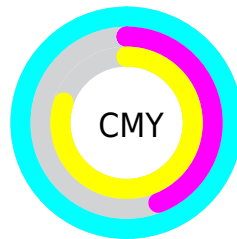
- Red (0%)
- Green (56%)
- Blue (20%)



- Red (0%)
- Yellow (41%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (64%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (80%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008F33 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 008F33 by changing the saturation by 10% instead.



 008F33

 008F33

FFFFFF

 00751A

 54C665

 005B00

 72E27F

 004200

 8FFF9A

 002C00

 ACFFB5

 000C00

 C9FFD1

 000000

 E7FFEE

 008F33

 0E8F3C

 1D8F45

 2B8F4F

 398F58

 488F61

 568F6A

 648F73

 728F7D

 818F86

# Harmonies

## Analogous

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



6A8500



008F33



00946D

# Triad

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



008F33



0086EB



DC4352

# Complementary

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



008F33



8F005C

# 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.



D83F8A



008F33



5E72E3

# Square

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



008F33



0091D5



B256BF



C65C1E

# Rectangle

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



008F33



009494



B256BF



DE3E65



# Sweetspot

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



008F33



82BA96



5D8F00



3C5E48



DEDEDE



5E5E5E



# Same Dimension

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



008F33



00BA42



008F7A



404743



008730



000803



# Inverse Universe

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



8F005C



BA0078



8F0015



474045



870057



080005



# Previews

## White Background



This preview shows how the Hex color 008F33 looks on a white background.

## Color Contrast Check

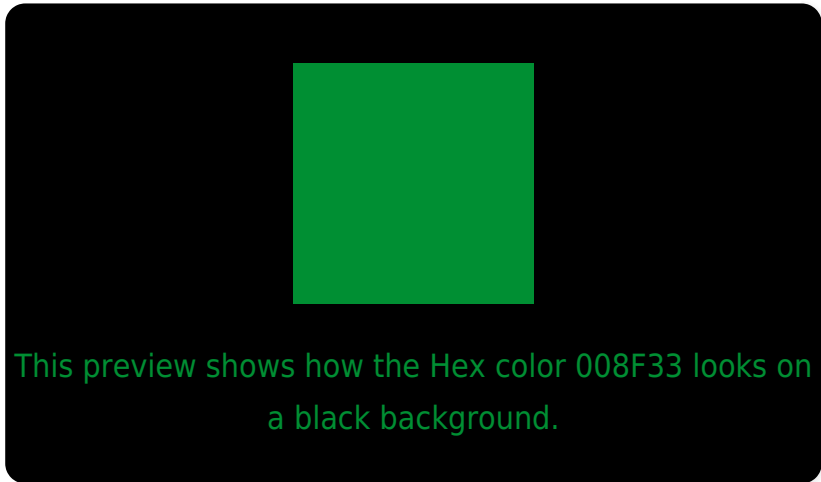
Large Text (above 18pt) WCAG AA ✓ Pass

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 008F33 Background



This preview shows how black text looks on a background with the Hex color 008F33.



This preview shows how white text looks on a background with the Hex color 008F33.

# 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**  
008F33

**Protanopia**  
897B2D

**Deuteranopia**  
97753B



**Tritanopia**  
3A8691

# Trichromacy



**Original Color**  
008F33



**Protanomaly**  
57822F



**Deuteranomaly**  
607E38



**Tritanomaly**  
25896F

# Monochromacy



**Original Color**  
008F33



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
396D4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008F33 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 #008F33 looks like.

```
.text, #text, p{  
    color:#008F33  
}
```

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 #008F33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008F33
}
```

## Border

The CSS property to change the border of an element to Hex 008F33 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
#008F33 }
```

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

```
.border{ border-color:#008F33 }
```

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

Here you see how a box with a 4 pixel #008F33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008F33; -webkit-box-shadow:4px 4px  
4px 4px #008F33; box-shadow:4px 4px 4px  
4px #008F33 }
```

# Background

The CSS property to change the background color of an element to Hex 008F33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008F33 }
```

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

```
.background{ background-color:#008F33 }
```

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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