

Converting Colors

Hex(008F16)

Have a look what the booklet for
Hex(008F16) contains.

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Color

Hex(008F16)

Conversions

Conversions Part 1

Format	Color
Hex	008F16
RGB	0, 143, 22
RGB Percent	0%, 56%, 9%
CMY	1.0000, 0.4392, 0.9137
CMYK	1.00, 0.00, 0.85, 0.44
HSL	129°, 100%, 28%
HSV	129°, 100%, 56%
XYZ	9.9673, 19.7028, 4.0368
YIQ	86.4490, -46.3870, -67.9470

Conversions

Conversions Part 2

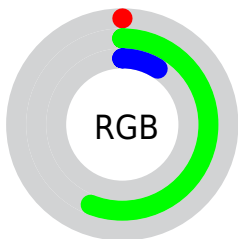
Format	Color
RYB	0, 124, 143
Decimal	36630
CIELab	51.50, -55.16, 49.69
CIELCh	51, 74.242, 137.987
Yxy	19.7028, 0.2957, 0.5845
Android (android.graphics.Color)	4278226710 (0xFF008F16)
YUV	86.4490, -31.7734, -75.8158
Hunter-Lab	44.3879, -37.5967, 25.6795

Details

The Hex color **008F16** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **8F0079**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **56C64E**, and **005B00** is the 20% darker color. If you saturate the color by 10%, you get **008F16**, and if you desaturate by 10%, it is **0E8F22**.

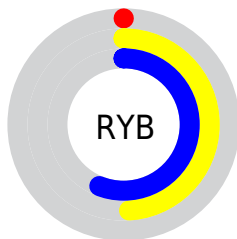
Distribution



Red (0%)

Green (56%)

Blue (9%)



Red (0%)

Yellow (49%)

Blue (56%)

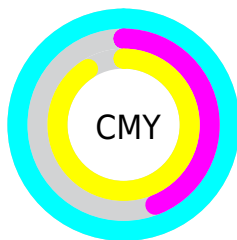


Cyan (100%)

Magenta (0%)

Yellow (85%)

Black (44%)



Cyan (100%)

Magenta (44%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008F16 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 008F16 by changing the saturation by 10% instead.

 008F16

 008F16

FFFFFF


 007500

 56C64E

 005B00

 74E368

 004200

 91FF83

 002C00

 AEFF9E

 000A00

 CCFFBA

 000000

 EAFFD6

 FFFFF3

 008F16

 0E8F22

 1D8F2E

 2B8F3A

 398F46

 488F52

 568F5F

 648F6B

 728F77

 818F83

Harmonies

Analogous

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



718300



008F16



00955E

Triad

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



008F16



008AF8



E82D58

Complementary

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



008F16



8F0079

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.



DD2F97



008F16



2175F5

Square

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



008F16



0094D9



AB55D1



D45019

Rectangle

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



008F16



00968B



AB55D1



E8266D

Sweetspot

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



008F16



82BA8B



7A8F00



3C5E42



DEDEDE



5E5E5E

Same Dimension

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



008F16



00BA1D



008F5D



404741



008715



000801

Inverse Universe

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



8F0079



BA009E



8F0032



474046



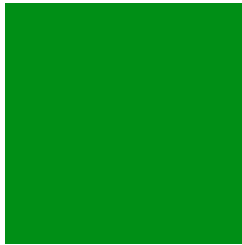
870072



080006

Previews

White Background



This preview shows how the Hex color 008F16 looks on a white background.

Color Contrast Check

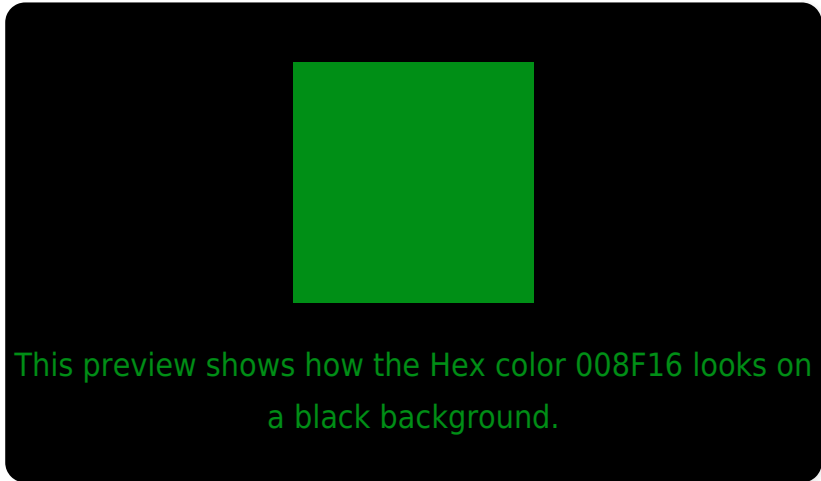
Large Text (above 18pt) WCAG AA ✓ Pass

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 008F16 Background



This preview shows how black text looks on a background with the Hex color 008F16.



This preview shows how white text looks on a background with the Hex color 008F16.

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
008F16

Protanopia
8A7B10

Deuteranopia
997425



Tritanopia
3C8590

Trichromacy



Original Color

008F16



Protanomaly

588212



Deuteranomaly

617E20



Tritanomaly

268964

Monochromacy



Original Color

008F16



Achromatopsia

565656



Achromatomaly

376B3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 008F16 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 #008F16 looks like.

```
.text, #text, p{  
    color:#008F16  
}
```

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 #008F16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008F16
}
```

Border

The CSS property to change the border of an element to Hex 008F16 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
#008F16 }
```

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

```
.border{ border-color:#008F16 }
```

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

Here you see how a box with a 4 pixel #008F16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008F16; -webkit-box-shadow:4px 4px  
4px 4px #008F16; box-shadow:4px 4px 4px  
4px #008F16 }
```

Background

The CSS property to change the background color of an element to Hex 008F16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008F16 }
```

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

```
.background{ background-color:#008F16 }
```

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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