

Converting Colors

Hex(008D16)

Have a look what the booklet for
Hex(008D16) contains.

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Color

Hex(008D16)

Conversions

Conversions Part 1

Format	Color
Hex	008D16
RGB	0, 141, 22
RGB Percent	0%, 55%, 9%
CMY	1.0000, 0.4471, 0.9137
CMYK	1.00, 0.00, 0.84, 0.45
HSL	129°, 100%, 28%
HSV	129°, 100%, 55%
XYZ	9.6697, 19.1077, 3.9376
YIQ	85.2750, -45.8370, -66.9010

Conversions

Conversions Part 2

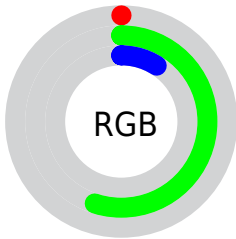
Format	Color
RYB	0, 122, 141
Decimal	36118
CIELab	50.81, -54.57, 49.06
CIELCh	51, 73.380, 138.047
Yxy	19.1077, 0.2956, 0.5841
Android (android.graphics.Color)	4278226198 (0xFF008D16)
YUV	85.2750, -31.1946, -74.7862
Hunter-Lab	43.7123, -37.0102, 25.2578

Details

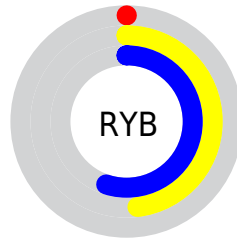
The Hex color **008D16** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **8D0077**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **55C44D**, and **005900** is the 20% darker color. If you saturate the color by 10%, you get **008D16**, and if you desaturate by 10%, it is **0E8D22**.

Distribution



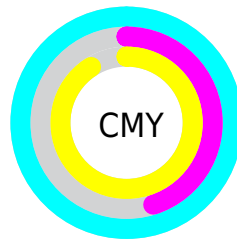
- Red (0%)
- Green (55%)
- Blue (9%)



- Red (0%)
- Yellow (48%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (84%)
- Black (45%)



- Cyan (100%)
- Magenta (45%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008D16 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 008D16 by changing the saturation by 10% instead.

 008D16

 008D16

FFFFFF

 007300

 55C44D

 005900

 73E068

 004000

 90FD82

 002A00

 ADFF9D

 000600

 CBFFB9

 000000

 E9FFD5

 FFFFF2

 008D16

 0E8D22

 1C8D2E

 2A8D3A

 388D46

 478D52

 558D5D

 638D69

 718D75

 7F8D81

Harmonies

Analogous

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



6F8200



008D16



00935D

Triad

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



008D16



0088F5



E52C56

Complementary

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



008D16



8D0077

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.



DA2E95



008D16



2274F2

Square

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



008D16



0092D6



A953CE



D14F18

Rectangle

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



008D16



009489



A953CE



E5266B

Sweetspot

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



008D16



81B889



788D00



3B5C40



DBDBDB



5C5C5C

Same Dimension

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



008D16



00B81D



008D5C



404741



008715



000801

Inverse Universe

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



8D0077



B8009B



8D0031



474046



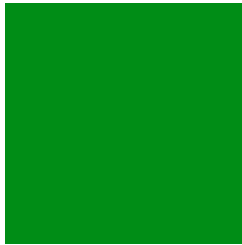
870072



080006

Previews

White Background



This preview shows how the Hex color 008D16 looks on a white background.

Color Contrast Check

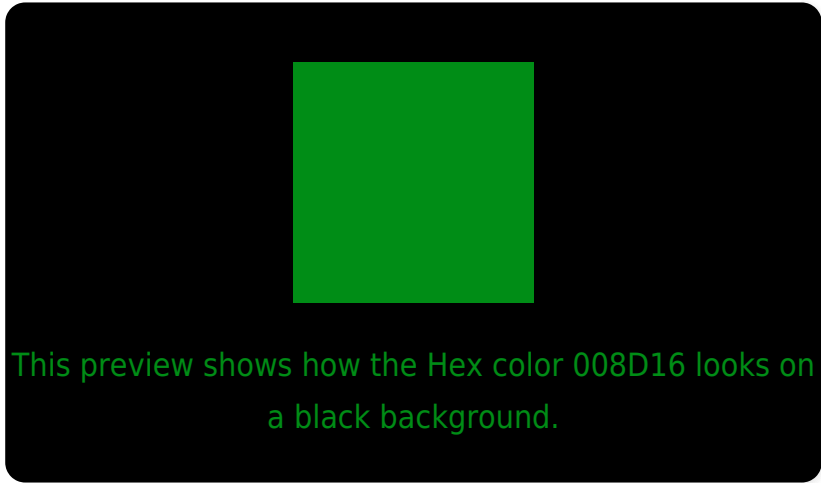
Large Text (above 18pt) WCAG AA ✓ Pass

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 008D16 Background



This preview shows how black text looks on a background with the Hex color 008D16.



This preview shows how white text looks on a background with the Hex color 008D16.

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
008D16

Protanopia
887910

Deuteranopia
977225



Tritanopia
3B838E

Trichromacy



Original Color
008D16



Protanomaly
578012



Deuteranomaly
607C20



Tritanomaly
268762

Monochromacy



Original Color
008D16



Achromatopsia
555555



Achromatomaly
36693E

CSS Examples

Text

The CSS property to change the color of the text to Hex 008D16 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 #008D16 looks like.

```
.text, #text, p{  
    color:#008D16  
}
```

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 #008D16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008D16
}
```

Border

The CSS property to change the border of an element to Hex 008D16 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
#008D16 }
```

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

```
.border{ border-color:#008D16 }
```

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

Here you see how a box with a 4 pixel #008D16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008D16; -webkit-box-shadow:4px 4px  
4px 4px #008D16; box-shadow:4px 4px 4px  
4px #008D16 }
```

Background

The CSS property to change the background color of an element to Hex 008D16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008D16 }
```

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

```
.background{ background-color:#008D16 }
```

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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