

Converting Colors

Hex(008109)

Have a look what the booklet for
Hex(008109) contains.

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Color

Hex(008109)

Conversions

Conversions Part 1

Format	Color
Hex	008109
RGB	0, 129, 9
RGB Percent	0%, 51%, 4%
CMY	1.0000, 0.4941, 0.9647
CMYK	1.00, 0.00, 0.93, 0.49
HSL	124°, 100%, 25%
HSV	124°, 100%, 51%
XYZ	7.8996, 15.7202, 2.8764
YIQ	76.7490, -38.3640, -64.6680

Conversions

Conversions Part 2

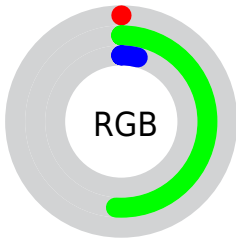
Format	Color
RYB	0, 121, 129
Decimal	33033
CIELab	46.61, -51.65, 48.37
CIELCh	47, 70.765, 136.875
Yxy	15.7202, 0.2981, 0.5933
Android (android.graphics.Color)	4278223113 (0xFF008109)
YUV	76.7490, -33.4003, -67.3089
Hunter-Lab	39.6488, -33.8212, 23.4528

Details

The Hex color **008109** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **810078**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **52B744**, and **004E00** is the 20% darker color. If you saturate the color by 10%, you get **008109**, and if you desaturate by 10%, it is **0D8115**.

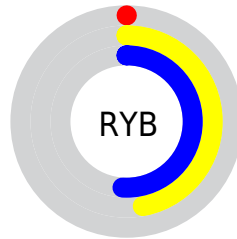
Distribution



Red (0%)

Green (51%)

Blue (4%)



Red (0%)

Yellow (47%)

Blue (51%)

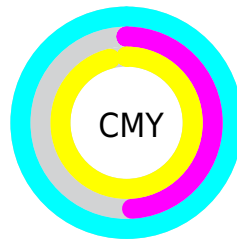


Cyan (100%)

Magenta (0%)

Yellow (93%)

Black (49%)



Cyan (100%)

Magenta (49%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008109 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 008109 by changing the saturation by 10% instead.

 008109

 008109

FFFFFF

 006700

 52B744

 004E00

 6FD35E

 003600

 8CF079

 001F00

 A8FF93

 000000

 C6FFAF

 E3FFCB

 FFFFE8

 008109

 0D8115

 1A8121

 27812D

 348139

 418145

 4D8151

 5A815D

 678169

 748175

Harmonies

Analogous

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



677600



008109



008651

Triad

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



008109



007DE3



D42150

Complementary

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



008109



810078

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.



C9268B



008109



006AE2

Square

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



008109



0086C5



994CC1



C24414

Rectangle

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



008109



00887B



994CC1



D41A64

Sweetspot

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



008109



76A879



788100



365438



D4D4D4



545454

Same Dimension

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



008109



00A80C



008149



39403A



008009



000000

Inverse Universe

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



810078



A8009D



810038



40393F



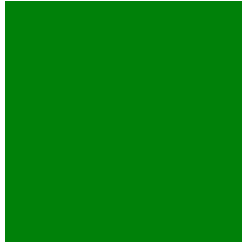
800077



000000

Previews

White Background



This preview shows how the Hex color 008109 looks on a white background.

Color Contrast Check

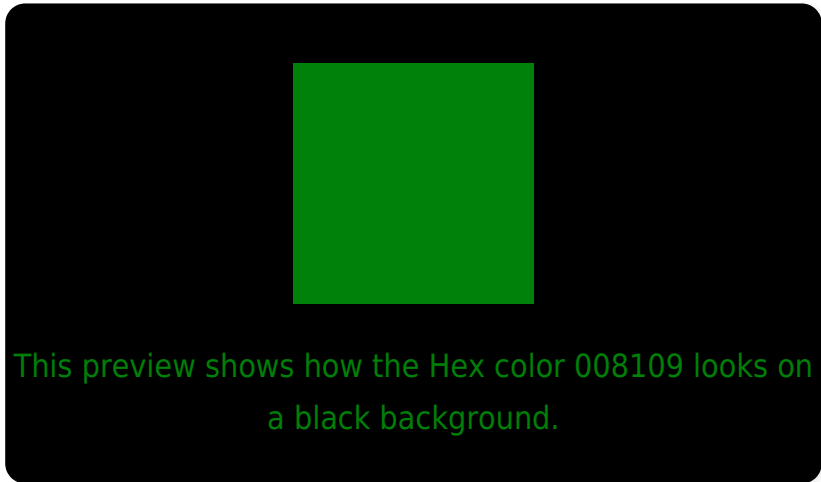
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 008109 Background



This preview shows how black text looks on a background with the Hex color 008109.



This preview shows how white text looks on a background with the Hex color 008109.

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
008109

Protanopia
7C6E00

Deuteranopia
8A691D

Trichromacy



Original Color
008109



Protanomaly
4F7503



Deuteranomaly
587216



Tritanomaly
227B56

Monochromacy



Original Color
008109



Achromatopsia
4D4D4D



Achromatomaly
316034

CSS Examples

Text

The CSS property to change the color of the text to Hex 008109 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 #008109 looks like.

```
.text, #text, p{  
    color:#008109  
}
```

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 #008109 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008109
}
```

Border

The CSS property to change the border of an element to Hex 008109 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
#008109 }
```

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

```
.border{ border-color:#008109 }
```

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

Here you see how a box with a 4 pixel #008109 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008109; -webkit-box-shadow:4px 4px  
4px 4px #008109; box-shadow:4px 4px 4px  
4px #008109 }
```

Background

The CSS property to change the background color of an element to Hex 008109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008109 }
```

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

```
.background{ background-color:#008109 }
```

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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