

Converting Colors

Hex(08C408)

Have a look what the booklet for
Hex(08C408) contains.

Hex(08C408)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(08C408)

Conversions

Conversions Part 1

Format	Color
Hex	08C408
RGB	8, 196, 8
RGB Percent	3%, 77%, 3%
CMY	0.9686, 0.2314, 0.9686
CMYK	0.96, 0.00, 0.96, 0.23
HSL	120°, 92%, 40%
HSV	120°, 96%, 77%
XYZ	19.8839, 39.5490, 6.8155
YIQ	118.3560, -51.7000, -98.3240

Conversions

Conversions Part 2

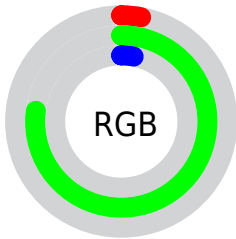
Format	Color
RYB	8, 196, 196
Decimal	574472
CIELab	69.15, -70.19, 67.40
CIELCh	69, 97.311, 136.166
Yxy	39.5490, 0.3001, 0.5970
Android (android.graphics.Color)	4278764552 (0xFF08C408)
YUV	118.3560, -54.4055, -96.7822
Hunter-Lab	62.8880, -53.6160, 37.5961

Details

The Hex color **08C408** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **C408C4**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **68FE52**, and **008C00** is the 20% darker color. If you saturate the color by 10%, you get **00C400**, and if you desaturate by 10%, it is **1CC41C**.

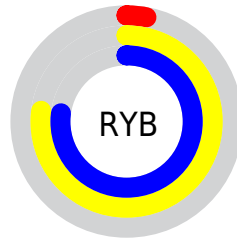
Distribution



Red (3%)

Green (77%)

Blue (3%)



Red (3%)

Yellow (77%)

Blue (77%)

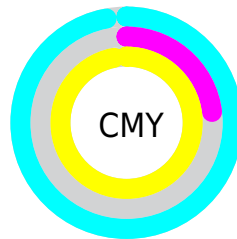


Cyan (96%)

Magenta (0%)

Yellow (96%)

Black (23%)



Cyan (97%)

Magenta (23%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 08C408 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 08C408 by changing the saturation by 10% instead.

 08C408

 08C408

FFFFFF

 00A800

 68FE52

 008C00

 89FF6F

 007200

 A8FF8B

 005700

 C8FFA7

 003F00

 E7FFC4

 002600

 FFFFE1

 000000

 08C408

 08C408

 00C400

 1CC41C

 2FC42F

 43C443

 56C456

 6AC46A

 7EC47E

 91C491

 A5C4A5

 B8C4B8

Harmonies

Analogous

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



A0B300



08C408



00CC7B

Triad

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



08C408



00BFFF



FF327E

Complementary

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



08C408



C408C4

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.



FF3CD5



08C408



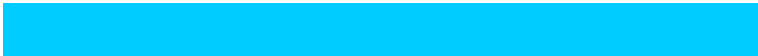
00A4FF

Square

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



08C408



00CCFF



E576FF



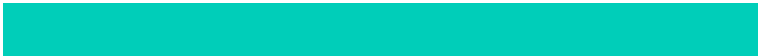
FF6925

Rectangle

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



08C408



00CEB9



E576FF



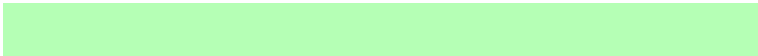
FF289B

Sweetspot

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



08C408



B5FFB5



C4C408



538053



000000



808080

Same Dimension

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



08C408



00FF00



08C466



576157



00A100



002100

Inverse Universe

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



C408C4



FF00FF



C40866



615761



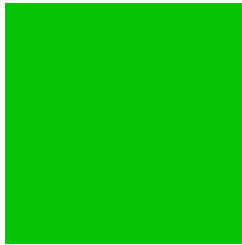
A100A1



210021

Previews

White Background



This preview shows how the Hex color 08C408 looks on a white background.

Color Contrast Check

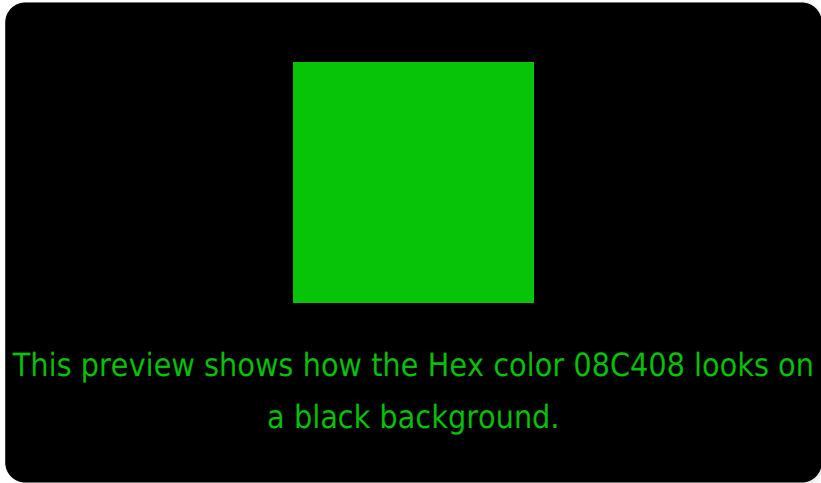
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex 08C408 Background



This preview shows how black text looks on a background with the Hex color 08C408.

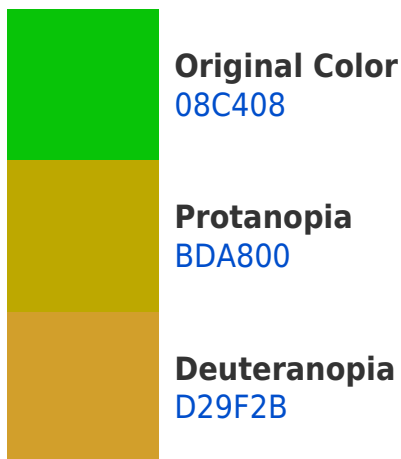


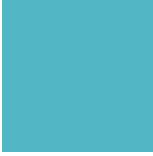
This preview shows how white text looks on a background with the Hex color 08C408.

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](#).

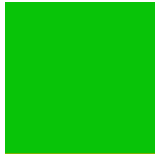
Dichromacy





Tritanopia
52B6C5

Trichromacy



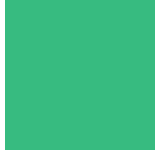
Original Color
08C408



Protanomaly
7BB203



Deuteranomaly
89AC1E



Tritanomaly
37BB80

Monochromacy



Original Color
08C408



Achromatopsia
767676



Achromatomaly
4E924E

CSS Examples

Text

The CSS property to change the color of the text to Hex 08C408 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 #08C408 looks like.

```
.text, #text, p{  
    color:#08C408  
}
```

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 #08C408 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08C408
}
```

Border

The CSS property to change the border of an element to Hex 08C408 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
#08C408 }
```

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

```
.border{ border-color:#08C408 }
```

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

Here you see how a box with a 4 pixel #08C408 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08C408; -webkit-box-shadow:4px 4px  
4px 4px #08C408; box-shadow:4px 4px 4px  
4px #08C408 }
```

Background

The CSS property to change the background color of an element to Hex 08C408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08C408 }
```

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

```
.background{ background-color:#08C408 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor