

Converting Colors

Hex(08C420)

Have a look what the booklet for
Hex(08C420) contains.

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Color

Hex(08C420)

Conversions

Conversions Part 1

Format	Color
Hex	08C420
RGB	8, 196, 32
RGB Percent	3%, 77%, 13%
CMY	0.9686, 0.2314, 0.8745
CMYK	0.96, 0.00, 0.84, 0.23
HSL	128°, 92%, 40%
HSV	128°, 96%, 77%
XYZ	20.1008, 39.6358, 7.9575
YIQ	121.0920, -59.4040, -90.8600

Conversions

Conversions Part 2

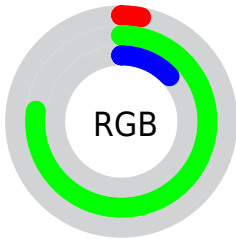
Format	Color
RYB	8, 175, 196
Decimal	574496
CIELab	69.21, -69.39, 63.29
CIELCh	69, 93.919, 137.630
Yxy	39.6358, 0.2969, 0.5855
Android (android.graphics.Color)	4278764576 (0xFF08C420)
YUV	121.0920, -43.9224, -99.1817
Hunter-Lab	62.9569, -53.1835, 36.5758

Details

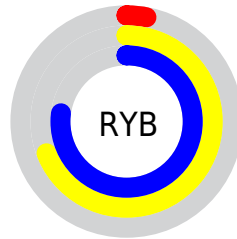
The Hex color **08C420** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **C408AC**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **68FE5D**, and **008C00** is the 20% darker color. If you saturate the color by 10%, you get **00C419**, and if you desaturate by 10%, it is **1CC431**.

Distribution



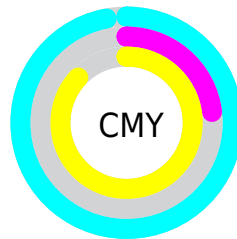
- Red (3%)
- Green (77%)
- Blue (13%)



- Red (3%)
- Yellow (69%)
- Blue (77%)



- Cyan (96%)
- Magenta (0%)
- Yellow (84%)
- Black (23%)



- Cyan (97%)
- Magenta (23%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 08C420 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 08C420 by changing the saturation by 10% instead.

 08C420

 08C420

FFFFFF

 00A800


 68FE5D

 008C00

 88FF79

 007200

 A8FF95

 005800

 C7FFB1

 003F00

 E5FFCE

 002600

 FFFFEB

 000000

 08C420

 08C420

 00C419

 1CC431

 2FC442

 43C453

 56C464

 6AC475

 7EC487

 91C498

 A5C4A9

 B8C4BA

Harmonies

Analogous

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



9DB400



08C420



00CC81

Triad

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



08C420



00BEFF



FF407B

Complementary

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



08C420



C408AC

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.



FF44D0



08C420



28A2FF

Square

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



08C420



00CAFF



E976FF



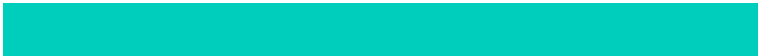
FF6F27

Rectangle

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



08C420



00CEBD



E976FF



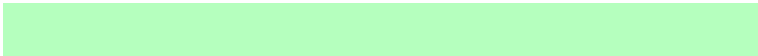
FF3797

Sweetspot

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



08C420



B5FFBE



AEC408



538059



000000



808080

Same Dimension

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



08C420



00FF21



08C47C



576158



00A115



002104

Inverse Universe

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



C408AC



FF00DE



C40850



615760



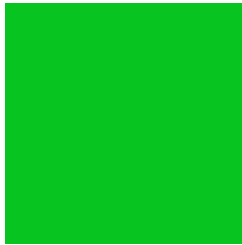
A1008C



21001D

Previews

White Background



This preview shows how the Hex color 08C420 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



This preview shows how the Hex color 08C420 looks on a 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 08C420 Background



This preview shows how black text looks on a background with the Hex color 08C420.



This preview shows how white text looks on a background with the Hex color 08C420.

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](#).

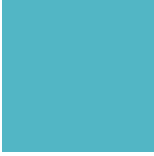
Dichromacy



Original Color
08C420

Protanopia
BDA818

Deuteranopia
D29F34



Tritanopia
52B6C5

Trichromacy



Original Color
08C420



Protanomaly
7BB21B



Deuteranomaly
89AC2D



Tritanomaly
37BB89

Monochromacy



Original Color
08C420



Achromatopsia
797979



Achromatomaly
509459

CSS Examples

Text

The CSS property to change the color of the text to Hex 08C420 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 #08C420 looks like.

```
.text, #text, p{  
    color:#08C420  
}
```

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 #08C420 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08C420
}
```

Border

The CSS property to change the border of an element to Hex 08C420 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
#08C420 }
```

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

```
.border{ border-color:#08C420 }
```

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

Here you see how a box with a 4 pixel #08C420 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08C420; -webkit-box-shadow:4px 4px  
4px 4px #08C420; box-shadow:4px 4px 4px  
4px #08C420 }
```

Background

The CSS property to change the background color of an element to Hex 08C420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08C420 }
```

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

```
.background{ background-color:#08C420 }
```

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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