

Converting Colors

Hex(0FC218)

Have a look what the booklet for
Hex(0FC218) contains.

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Color

Hex(0FC218)

Conversions

Conversions Part 1

Format	Color
Hex	0FC218
RGB	15, 194, 24
RGB Percent	6%, 76%, 9%
CMY	0.9412, 0.2392, 0.9059
CMYK	0.92, 0.00, 0.88, 0.24
HSL	123°, 86%, 41%
HSV	123°, 92%, 76%
XYZ	19.6537, 38.7511, 7.3080
YIQ	121.0990, -52.1140, -90.8180

Conversions

Conversions Part 2

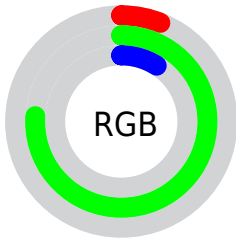
Format	Color
RYB	15, 185, 194
Decimal	1032728
CIELab	68.57, -68.86, 64.53
CIELCh	69, 94.372, 136.858
Yxy	38.7511, 0.2991, 0.5897
Android (android.graphics.Color)	4279222808 (0xFF0FC218)
YUV	121.0990, -47.8698, -93.0488
Hunter-Lab	62.2504, -52.5822, 36.6148

Details

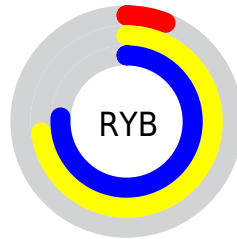
The Hex color **0FC218** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **C20FB9**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **69FC58**, and **008B00** is the 20% darker color. If you saturate the color by 10%, you get **00C20A**, and if you desaturate by 10%, it is **22C22A**.

Distribution



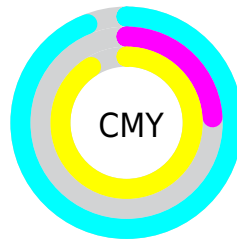
- Red (6%)
- Green (76%)
- Blue (9%)



- Red (6%)
- Yellow (73%)
- Blue (76%)



- Cyan (92%)
- Magenta (0%)
- Yellow (88%)
- Black (24%)



- Cyan (94%)
- Magenta (24%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0FC218 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 0FC218 by changing the saturation by 10% instead.

 0FC218

 0FC218

FFFFFF

 00A600

 69FC58

 008B00

 89FF74

 007000

 A8FF90

 005600

 C7FFAC

 003D00

 E6FFC9

 002400

 FFFFE6

 000000

 0FC218

 0FC218

 00C20A

 22C22A

 36C23D

 49C24F

 5DC262

 70C274

 83C287

 97C299

 AAC2AB

 BEC2BE

Harmonies

Analogous

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



9DB200



0FC218



00CA7D

Triad

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



0FC218



00BCFF



FF3A7C

Complementary

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



0FC218



C20FB9

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.



FF41D1



0FC218



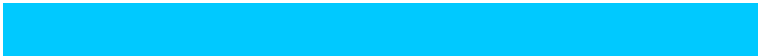
00A1FF

Square

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



0FC218



00C9FF



E476FF



FF6B27

Rectangle

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



0FC218



00CCB9



E476FF



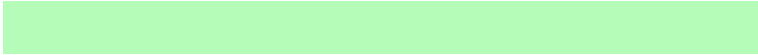
FF3298

Sweetspot

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



0FC218



B6FCB9



B9C20F



548056



000000



808080

Same Dimension

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



0FC218



00FC0D



0FC271



576158



00A108



002102

Inverse Universe

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



C20FB9



FC00F0



C20F60



615760



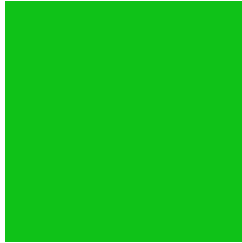
A10099



21001F

Previews

White Background



This preview shows how the Hex color 0FC218 looks on a white background.

Color Contrast Check

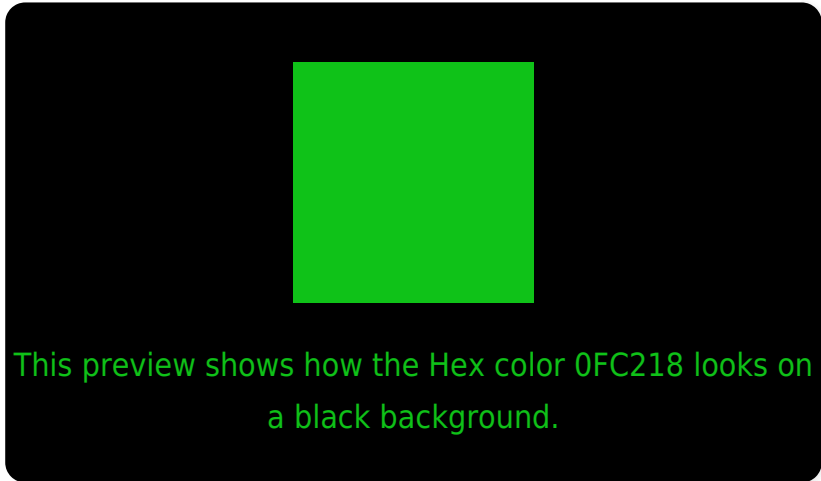
Large Text (above 18pt) WCAG AA × Fail

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 0FC218 Background



This preview shows how black text looks on a background with the Hex color 0FC218.



This preview shows how white text looks on a background with the Hex color 0FC218.

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
0FC218

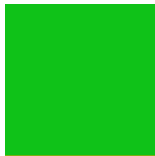
Protanopia
BBA60E

Deuteranopia
D09D2F



Tritanopia
52B4C3

Trichromacy



Original Color
0FC218



Protanomaly
7CB012



Deuteranomaly
8AAA27



Tritanomaly
3AB985

Monochromacy



Original Color
0FC218



Achromatopsia
797979



Achromatomaly
529456

CSS Examples

Text

The CSS property to change the color of the text to Hex 0FC218 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 #0FC218 looks like.

```
.text, #text, p{  
    color:#0FC218  
}
```

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 #0FC218 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FC218
}
```

Border

The CSS property to change the border of an element to Hex 0FC218 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
#0FC218 }
```

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

```
.border{ border-color:#0FC218 }
```

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

Here you see how a box with a 4 pixel #0FC218 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FC218; -webkit-box-shadow:4px 4px  
4px 4px #0FC218; box-shadow:4px 4px 4px  
4px #0FC218 }
```

Background

The CSS property to change the background color of an element to Hex 0FC218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FC218 }
```

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

```
.background{ background-color:#0FC218 }
```

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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