

Converting Colors

Hex(0CFA68)

Have a look what the booklet for
Hex(0CFA68) contains.

Hex(0CFA68)	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(0CFA68)

Conversions

Conversions Part 1

Format	Color
Hex	0CFA68
RGB	12, 250, 104
RGB Percent	5%, 98%, 41%
CMY	0.9529, 0.0196, 0.5922
CMYK	0.95, 0.00, 0.58, 0.02
HSL	143°, 96%, 51%
HSV	143°, 95%, 98%
XYZ	36.8359, 69.4489, 24.5602
YIQ	162.1940, -94.9820, -95.8620

Conversions

Conversions Part 2

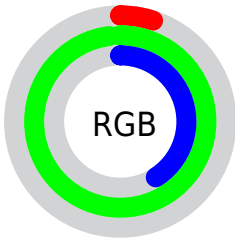
Format	Color
RYB	12, 184, 250
Decimal	850536
CIELab	86.73, -78.24, 55.37
CIELCh	87, 95.851, 144.715
Yxy	69.4489, 0.2815, 0.5308
Android (android.graphics.Color)	4279040616 (0xFF0CFA68)
YUV	162.1940, -28.6896, -131.7201
Hunter-Lab	83.3360, -66.9379, 40.8616

Details

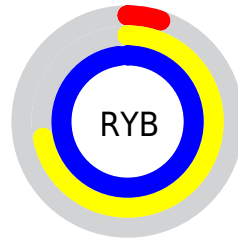
The Hex color **0CFA68** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated spring green. A complement of this color would be **FA0C9E**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **75FF9F**, and **00C031** is the 20% darker color. If you saturate the color by 10%, you get **00FA61**, and if you desaturate by 10%, it is **25FA77**.

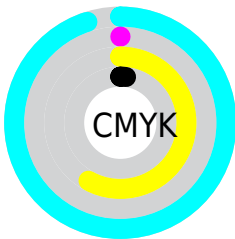
Distribution



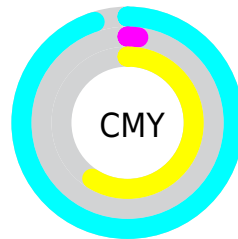
- Red (5%)
- Green (98%)
- Blue (41%)



- Red (5%)
- Yellow (72%)
- Blue (98%)



- Cyan (95%)
- Magenta (0%)
- Yellow (58%)
- Black (2%)



- Cyan (95%)
- Magenta (2%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CFA68 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 0CFA68 by changing the saturation by 10% instead.

 0CFA68

FFFFFF

 75FF9F

 97FFBB

 B8FFD8

 D9FFF5

 F9FFFF

 0CFA68

 00DD4D

 00C031

 00A30F

 008800

 006D00

 005200

 003A00

 001F00

 000000

 0CFA68

 0CFA68

 00FA61

 25FA77

 3EFA87

 57FA96

 70FAA5

 89FAB5

 A2FAC4

 BBFAD3

 D4FAE3

 EDFAF2

Harmonies

Analogous

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



BAEA00



0CFA68



00FFC6

Triad

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



0CFA68



00E9FF



FF8193

Complementary

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



0CFA68



FA0C9E

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.



FF79ED



0CFA68



B4C8FF

Square

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



0CFA68



00FBFF



FF9CFF



FFA93F

Rectangle

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



0CFA68



00FFFF



FF9CFF



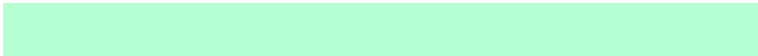
FF79B0

Sweetspot

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



0CFA68



B5FFD2



9FFA0C



538064



000000



808080

Same Dimension

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



0CFA68



00FF63



0CFADE



707D75



00BD49



003D18

Inverse Universe

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



FA0C9E



FF009C



FA0C28



7D7078



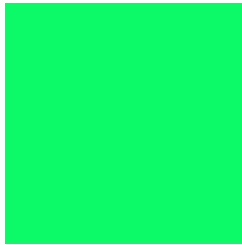
BD0074



3D0026

Previews

White Background



This preview shows how the Hex color 0CFA68 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 0CFA68 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 0CFA68 Background



This preview shows how black text looks on a background with the Hex color 0CFA68.

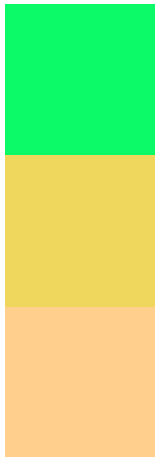


This preview shows how white text looks on a background with the Hex color 0CFA68.

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](#).

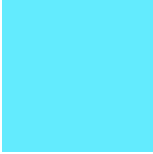
Dichromacy



Original Color
0CFA68

Protanopia
EFD75D

Deuteranopia
FFCF8D



Tritanopia
63EBFE

Trichromacy



Original Color
0CFA68



Protanomaly
9CE461



Deuteranomaly
A7DF80



Tritanomaly
43F0C7

Monochromacy



Original Color
0CFA68



Achromatopsia
A2A2A2



Achromatomaly
6BC28D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CFA68 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 #0CFA68 looks like.

```
.text, #text, p{  
    color:#0CFA68  
}
```

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 #0CFA68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CFA68
}
```

Border

The CSS property to change the border of an element to Hex 0CFA68 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
#0CFA68 }
```

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

```
.border{ border-color:#0CFA68 }
```

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

Here you see how a box with a 4 pixel #0CFA68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CFA68; -webkit-box-shadow:4px 4px  
4px 4px #0CFA68; box-shadow:4px 4px 4px  
4px #0CFA68 }
```

Background

The CSS property to change the background color of an element to Hex 0CFA68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CFA68 }
```

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

```
.background{ background-color:#0CFA68 }
```

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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