

Converting Colors

Hex(0FC763)

Have a look what the booklet for
Hex(0FC763) contains.

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Color

Hex(0FC763)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 0FC763 |
| RGB | 15, 199, 99 |
| RGB Percent | 6%, 78%, 39% |
| CMY | 0.9412, 0.2196, 0.6118 |
| CMYK | 0.92, 0.00, 0.50, 0.22 |
| HSL | 147°, 86%, 42% |
| HSV | 147°, 92%, 78% |
| XYZ | 22.8726, 41.8493, 18.6766 |
| YIQ | 132.5840, -77.5640, -70.1080 |

Conversions

Conversions Part 2

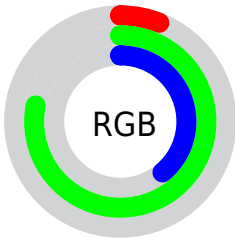
| Format | Color |
|-------------------------------------|---|
| RYB | 15, 141, 199 |
| Decimal | 1034083 |
| CIELab | 70.77, -62.99, 38.47 |
| CIELCh | 71, 73.814, 148.585 |
| Yxy | 41.8493, 0.2743, 0.5018 |
| Android (android.graphics.Color) | 4279224163 (0xFF0FC763) |
| YUV | 132.5840, -16.5569, -103.1212 |
| Hunter-Lab | 64.6910, -50.0977, 28.1664 |

Details

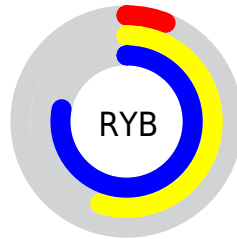
The Hex color **0FC763** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **C70F73**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **67FF97**, and **008F31** is the 20% darker color. If you saturate the color by 10%, you get **00C75B**, and if you desaturate by 10%, it is **23C76E**.

Distribution



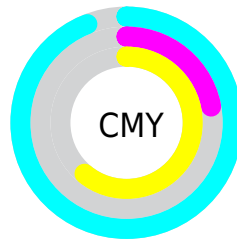
- Red (6%)
- Green (78%)
- Blue (39%)



- Red (6%)
- Yellow (55%)
- Blue (78%)



- Cyan (92%)
- Magenta (0%)
- Yellow (50%)
- Black (22%)



- Cyan (94%)
- Magenta (22%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0FC763 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 0FC763 by changing the saturation by 10% instead.

 0FC763

 0FC763

FFFFFF

 00AB4A

 67FF97

 008F31

 87FFB3

 007517

 A6FFCF

 005B00

 C5FFEB

 004100

 E3FFFF

 002A00

 000500

 000000

 0FC763

 0FC763

 00C75B

 23C76E

 37C779

 4BC783

 5FC78E

 73C799

 86C7A4

 9AC7AF

 AEC7BA

 C2C7C4

Harmonies

Analogous

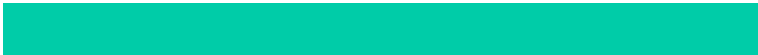
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8EBC25



0FC763



00CCA8

Triad

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



0FC763



00B6FF



FF7371

Complementary

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



0FC763



C70F73

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.



FF6AB3



0FC763



A59DFF

Square

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



0FC763



00C5FF



FB7EF4



FF8E37

Rectangle

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



0FC763



00CDD6



FB7EF4



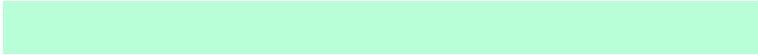
FF6D86

Sweetspot

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



0FC763



B8FFD8



74C70F



548068



000000



808080

Same Dimension

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



0FC763



00FF74



0FC7BE



5A635E



00A34B



002410

Inverse Universe

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



C70F73



FF008B



C70F18



635A5F



A30059



240013

Previews

White Background



This preview shows how the Hex color 0FC763 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 0FC763 Background



This preview shows how black text looks on a background with the Hex color 0FC763.

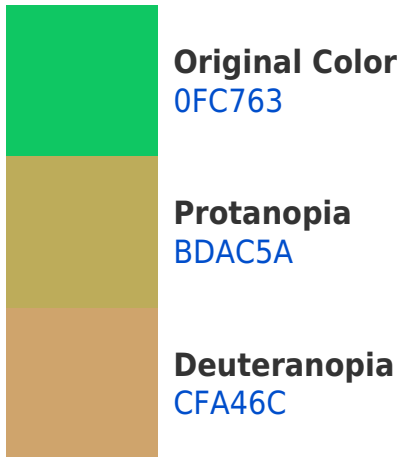


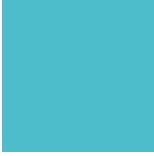
This preview shows how white text looks on a background with the Hex color 0FC763.

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
4DBCCB

Trichromacy



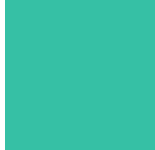
Original Color
0FC763



Protanomaly
7EB65D



Deuteranomaly
89B169



Tritanomaly
36C0A5

Monochromacy



Original Color
0FC763



Achromatopsia
858585



Achromatomaly
5A9D79

CSS Examples

Text

The CSS property to change the color of the text to Hex 0FC763 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 #0FC763 looks like.

```
.text, #text, p{  
    color:#0FC763  
}
```

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 #0FC763 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FC763
}
```

Border

The CSS property to change the border of an element to Hex 0FC763 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
#0FC763 }
```

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

```
.border{ border-color:#0FC763 }
```

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

Here you see how a box with a 4 pixel #0FC763 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FC763; -webkit-box-shadow:4px 4px  
4px 4px #0FC763; box-shadow:4px 4px 4px  
4px #0FC763 }
```

Background

The CSS property to change the background color of an element to Hex 0FC763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FC763 }
```

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

```
.background{ background-color:#0FC763 }
```

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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