

Converting Colors

Hex(0CC16D)

Have a look what the booklet for
Hex(0CC16D) contains.

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Color

Hex(0CC16D)

Conversions

Conversions Part 1

Format	Color
Hex	0CC16D
RGB	12, 193, 109
RGB Percent	5%, 76%, 43%
CMY	0.9529, 0.2431, 0.5725
CMYK	0.94, 0.00, 0.44, 0.24
HSL	152°, 88%, 40%
HSV	152°, 94%, 76%
XYZ	21.9819, 39.3222, 20.8994
YIQ	129.3050, -80.9120, -64.4960

Conversions

Conversions Part 2

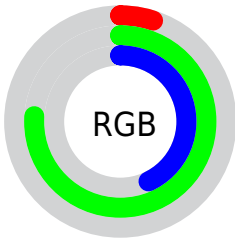
Format	Color
RYB	12, 130, 193
Decimal	835949
CIELab	68.98, -59.40, 31.16
CIELCh	69, 67.074, 152.323
Yxy	39.3222, 0.2674, 0.4784
Android (android.graphics.Color)	4279026029 (0xFF0CC16D)
YUV	129.3050, -10.0104, -102.8765
Hunter-Lab	62.7074, -47.1654, 24.1348

Details

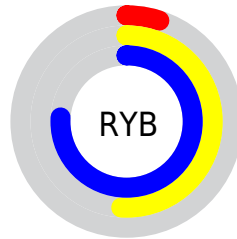
The Hex color **0CC16D** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **C10C60**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **65FBA1**, and **008A3C** is the 20% darker color. If you saturate the color by 10%, you get **00C167**, and if you desaturate by 10%, it is **1FC176**.

Distribution



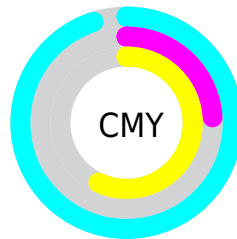
- Red (5%)
- Green (76%)
- Blue (43%)



- Red (5%)
- Yellow (51%)
- Blue (76%)



- Cyan (94%)
- Magenta (0%)
- Yellow (44%)
- Black (24%)



- Cyan (95%)
- Magenta (24%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CC16D 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 0CC16D by changing the saturation by 10% instead.

 0CC16D

 0CC16D

FFFFFF

 00A554

 65FBA1

 008A3C

 84FFBD

 006F24

 A3FFD9

 00560B

 C1FFF5

 003D00

 E0FFF7

 002500

 000000

 0CC16D

 0CC16D

 00C167

 1FC176

 33C17F

 46C188

 59C191

 6DC19A

 80C1A3

 93C1AC

 A6C1B5

 BAC1BE

Harmonies

Analogous

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



85B738



0CC16D



00C5AB

Triad

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



0CC16D



00AEFF



FF786B

Complementary

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



0CC16D



C10C60

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.



FF6EA6



0CC16D



AF96FF

Square

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



0CC16D



00BDFE



F57CE2



F39039

Rectangle

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



0CC16D



00C5D5



F57CE2



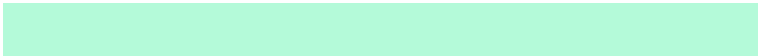
FF727E

Sweetspot

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



0CC16D



B4FAD9



60C10C



527D69



FCFCFC



7D7D7D

Same Dimension

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



0CC16D



00FA86



0CBBC1



57615C



00A156



002112

Inverse Universe

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



C10C60



FA0074



C1120C



61575C



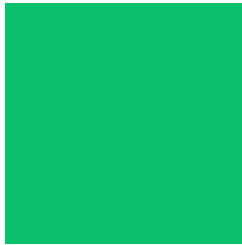
A1004B



21000F

Previews

White Background



This preview shows how the Hex color 0CC16D 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 0CC16D 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 0CC16D Background



This preview shows how black text looks on a background with the Hex color 0CC16D.

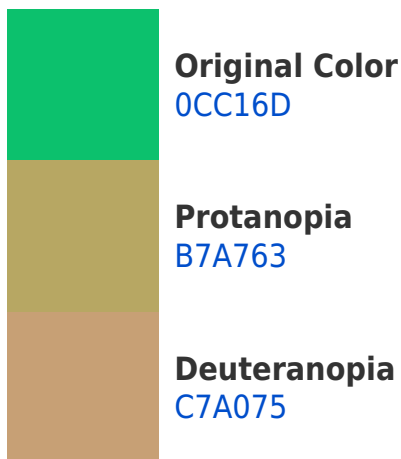


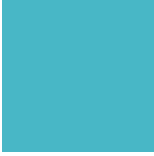
This preview shows how white text looks on a background with the Hex color 0CC16D.

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
48B7C6

Trichromacy



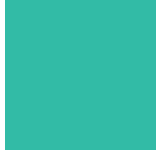
Original Color
0CC16D



Protanomaly
79B067



Deuteranomaly
83AC72



Tritanomaly
32BBA6

Monochromacy



Original Color
0CC16D



Achromatopsia
818181



Achromatomaly
56987A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CC16D 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 #0CC16D looks like.

```
.text, #text, p{  
    color:#0CC16D  
}
```

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 #0CC16D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CC16D
}
```

Border

The CSS property to change the border of an element to Hex 0CC16D 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
#0CC16D }
```

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

```
.border{ border-color:#0CC16D }
```

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

Here you see how a box with a 4 pixel #0CC16D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CC16D; -webkit-box-shadow:4px 4px  
4px 4px #0CC16D; box-shadow:4px 4px 4px  
4px #0CC16D }
```

Background

The CSS property to change the background color of an element to Hex 0CC16D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CC16D }
```

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

```
.background{ background-color:#0CC16D }
```

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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