

Converting Colors

Hex(02C76E)

Have a look what the booklet for
Hex(02C76E) contains.

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Color

Hex(02C76E)

Conversions

Conversions Part 1

Format	Color
Hex	02C76E
RGB	2, 199, 110
RGB Percent	1%, 78%, 43%
CMY	0.9922, 0.2196, 0.5686
CMYK	0.99, 0.00, 0.45, 0.22
HSL	153°, 98%, 39%
HSV	153°, 99%, 78%
XYZ	23.2629, 41.9855, 21.6298
YIQ	129.9510, -88.8430, -69.4430

Conversions

Conversions Part 2

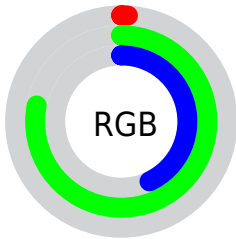
Format	Color
RYB	2, 129, 199
Decimal	182126
CIELab	70.86, -61.64, 33.06
CIELCh	71, 69.948, 151.791
Yxy	41.9855, 0.2678, 0.4833
Android (android.graphics.Color)	4278372206 (0xFF02C76E)
YUV	129.9510, -9.8358, -112.2130
Hunter-Lab	64.7963, -49.3090, 25.5656

Details

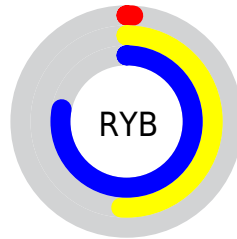
The Hex color **02C76E** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **C7025B**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **64FFA3**, and **008F3C** is the 20% darker color. If you saturate the color by 10%, you get **00C76D**, and if you desaturate by 10%, it is **16C777**.

Distribution



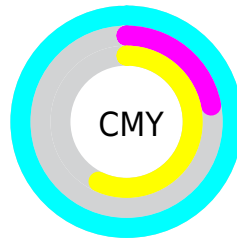
- Red (1%)
- Green (78%)
- Blue (43%)



- Red (1%)
- Yellow (51%)
- Blue (78%)



- Cyan (99%)
- Magenta (0%)
- Yellow (45%)
- Black (22%)



- Cyan (99%)
- Magenta (22%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02C76E 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 02C76E by changing the saturation by 10% instead.

 02C76E

 02C76E

FFFFFF

 00AB55

 64FFA3

 008F3C

 85FFBE

 007524

 A4FFDA

 005B0B

 C2FFF7

 004100

 E1FFFF

 002A00

 000600

 000000

 02C76E

 02C76E

■ 00C76D

■ 16C777

■ 2AC780

■ 3EC789

■ 52C792

■ 66C79B

■ 79C7A4

■ 8DC7AD

■ A1C7B6

■ B5C7BF

Harmonies

Analogous

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



8ABD36



02C76E



00CBAF

Triad

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



02C76E



00B4FF



FF7A6E

Complementary

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



02C76E



C7025B

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.



FF6FAC



02C76E



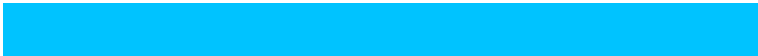
B29BFF

Square

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



02C76E



00C3FF



FD7FEB



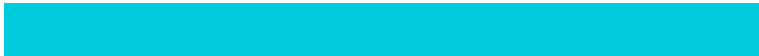
FC9339

Rectangle

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



02C76E



00CBDB



FD7FEB



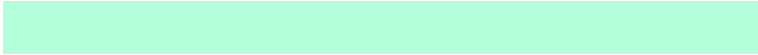
FF7482

Sweetspot

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



02C76E



B3FFDC



5EC702



52806B



000000



808080

Same Dimension

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



02C76E



00FF8C



02C0C7



5A635F



00A359



002414

Inverse Universe

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



C7025B



FF0073



C70902



635A5E



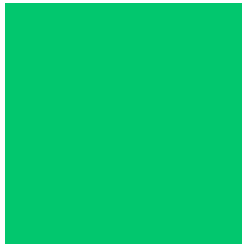
A3004A



240010

Previews

White Background



This preview shows how the Hex color 02C76E 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 02C76E 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 02C76E Background



This preview shows how black text looks on a background with the Hex color 02C76E.

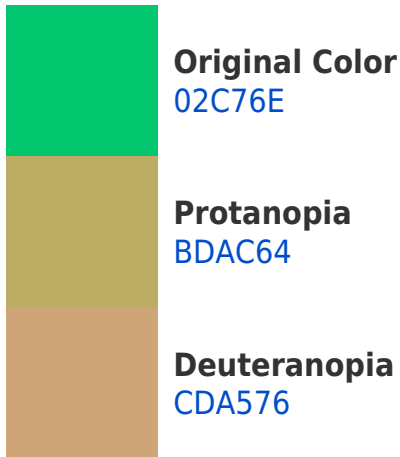


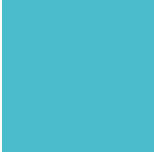
This preview shows how white text looks on a background with the Hex color 02C76E.

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





Trichromacy



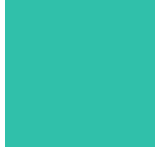
Original Color
02C76E



Protanomaly
79B668



Deuteranomaly
83B173



Tritanomaly
30C0AA

Monochromacy



Original Color
02C76E



Achromatopsia
828282



Achromatomaly
539B7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 02C76E 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 #02C76E looks like.

```
.text, #text, p{  
    color:#02C76E  
}
```

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 #02C76E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02C76E
}
```

Border

The CSS property to change the border of an element to Hex 02C76E 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
#02C76E }
```

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

```
.border{ border-color:#02C76E }
```

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

Here you see how a box with a 4 pixel #02C76E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02C76E; -webkit-box-shadow:4px 4px  
4px 4px #02C76E; box-shadow:4px 4px 4px  
4px #02C76E }
```

Background

The CSS property to change the background color of an element to Hex 02C76E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02C76E }
```

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

```
.background{ background-color:#02C76E }
```

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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