

Converting Colors

Hex(03C53D)

Have a look what the booklet for
Hex(03C53D) contains.

Hex(03C53D)	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(03C53D)

Conversions

Conversions Part 1

Format	Color
Hex	03C53D
RGB	3, 197, 61
RGB Percent	1%, 77%, 24%
CMY	0.9882, 0.2275, 0.7608
CMYK	0.98, 0.00, 0.69, 0.23
HSL	138°, 97%, 39%
HSV	138°, 98%, 77%
XYZ	20.8461, 40.2888, 11.0927
YIQ	123.4900, -71.9680, -83.4240

Conversions

Conversions Part 2

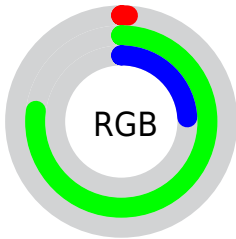
Format	Color
RYB	3, 152, 197
Decimal	247101
CIELab	69.67, -67.76, 54.31
CIELCh	70, 86.834, 141.288
Yxy	40.2888, 0.2886, 0.5578
Android (android.graphics.Color)	4278437181 (0xFF03C53D)
YUV	123.4900, -30.8076, -105.6697
Hunter-Lab	63.4734, -52.4551, 34.0698

Details

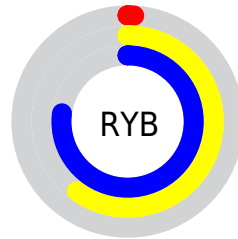
The Hex color **03C53D** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **C5038B**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **66FF73**, and **008D00** is the 20% darker color. If you saturate the color by 10%, you get **00C53B**, and if you desaturate by 10%, it is **17C54B**.

Distribution



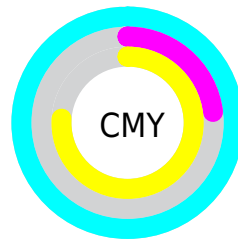
- Red (1%)
- Green (77%)
- Blue (24%)



- Red (1%)
- Yellow (60%)
- Blue (77%)



- Cyan (98%)
- Magenta (0%)
- Yellow (69%)
- Black (23%)



- Cyan (99%)
- Magenta (23%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03C53D 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 03C53D by changing the saturation by 10% instead.

 03C53D

 03C53D

FFFFFF

 00A920

 66FF73

 008D00

 86FF8E

 007300

 A5FFAA

 005800

 C4FFC6

 004000

 E3FFE3

 002700

 000000

 03C53D

 03C53D

 00C53B

 17C54B

 2AC559

 3EC566

 52C574

 66C582

 79C590

 8DC59E

 A1C5AB

 B4C5B9

Harmonies

Analogous

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



97B700



03C53D



00CC90

Triad

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



03C53D



00BBFF



FF5676

Complementary

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



03C53D



C5038B

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.



FF52C5



03C53D



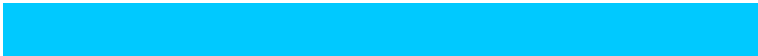
6E9FFF

Square

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



03C53D



00C9FF



F178FF



FF7B2A

Rectangle

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



03C53D



00CDC7



F178FF



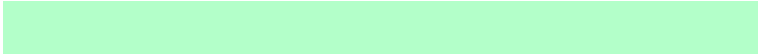
FF4E90

Sweetspot

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



03C53D



B3FFC9



8EC503



52805F



000000



808080

Same Dimension

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



03C53D



00FF4C



03C59B



5A635C



00A331



00240B

Inverse Universe

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



C5038B



FF00B3



C5032D



635A60



A30072



240019

Previews

White Background



This preview shows how the Hex color 03C53D 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 03C53D 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 03C53D Background



This preview shows how black text looks on a background with the Hex color 03C53D.

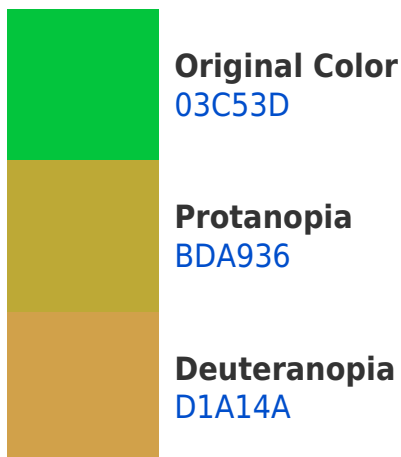


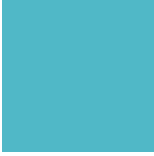
This preview shows how white text looks on a background with the Hex color 03C53D.

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
50B8C7

Trichromacy



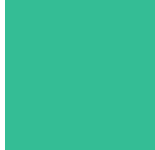
Original Color
03C53D



Protanomaly
79B339



Deuteranomaly
86AE45



Tritanomaly
34BD95

Monochromacy



Original Color
03C53D



Achromatopsia
7B7B7B



Achromatomaly
4F9664

CSS Examples

Text

The CSS property to change the color of the text to Hex 03C53D 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 #03C53D looks like.

```
.text, #text, p{  
    color:#03C53D  
}
```

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 #03C53D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03C53D
}
```

Border

The CSS property to change the border of an element to Hex 03C53D 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
#03C53D }
```

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

```
.border{ border-color:#03C53D }
```

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

Here you see how a box with a 4 pixel #03C53D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03C53D; -webkit-box-shadow:4px 4px  
4px 4px #03C53D; box-shadow:4px 4px 4px  
4px #03C53D }
```

Background

The CSS property to change the background color of an element to Hex 03C53D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03C53D }
```

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

```
.background{ background-color:#03C53D }
```

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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