

# Converting Colors

Hex(03C06B)

Have a look what the booklet for  
Hex(03C06B) contains.

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**Color**

**Hex(03C06B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	03C06B
RGB	3, 192, 107
RGB Percent	1%, 75%, 42%
CMY	0.9882, 0.2471, 0.5804
CMYK	0.98, 0.00, 0.44, 0.25
HSL	153°, 97%, 38%
HSV	153°, 98%, 75%
XYZ	21.5410, 38.7802, 20.2599
YIQ	125.7990, -85.3590, -66.5030

# Conversions

## Conversions Part 2

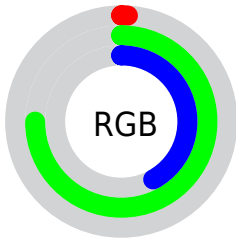
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 125, 192
Decimal	245867
CIELab	68.59, -59.77, 31.67
CIELCh	69, 67.645, 152.086
Yxy	38.7802, 0.2673, 0.4813
Android (android.graphics.Color)	4278435947 (0xFF03C06B)
YUV	125.7990, -9.2679, -107.6947
Hunter-Lab	62.2737, -47.2343, 24.3024

# Details

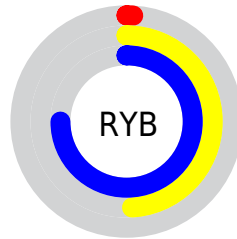
The Hex color **03C06B** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **C00358**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **63FA9F**, and **00893A** is the 20% darker color. If you saturate the color by 10%, you get **00C06A**, and if you desaturate by 10%, it is **16C074**.

# Distribution



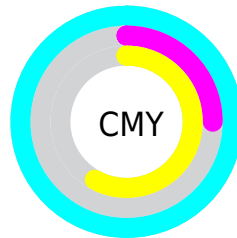
- Red (1%)
- Green (75%)
- Blue (42%)



- Red (1%)
- Yellow (49%)
- Blue (75%)



- Cyan (98%)
- Magenta (0%)
- Yellow (44%)
- Black (25%)



- Cyan (99%)
- Magenta (25%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 03C06B 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 03C06B by changing the saturation by 10% instead.



 03C06B

 03C06B

FFFFFF

 00A452

 63FA9F

 00893A

 82FFBB

 006E22

 A1FFD7

 005509

 C0FFF3

 003C00

 DEFFF

 002400

FDFFFF

 000000

 03C06B

 03C06B

 00C06A

 16C074

 29C07C

 3DC085

 50C08E

 63C096

 76C09F

 89C0A7

 9DC0B0

 B0C0B9

# Harmonies

## Analogous

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



84B635



03C06B



00C4AA

# Triad

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



03C06B



00ADFF



FF766A

# Complementary

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



03C06B



C00358

# 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.



FF6CA6



03C06B



AD95FF

# Square

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



03C06B



00BCFF



F47AE2



F38E38

# Rectangle

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



03C06B



00C4D4



F47AE2



FF707D

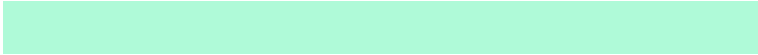


# Sweetspot

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



03C06B



AFFAD8



58C003



507D69



FCFCFC



7D7D7D



# Same Dimension

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



03C06B



00FA8A



03B7C0



57615D



00A158



002112



# Inverse Universe

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



C00358



FA0070



C00C03



61575C



A10048

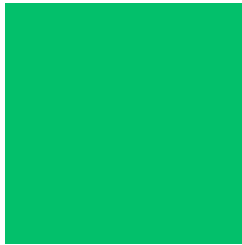


21000F



# Previews

## White Background



This preview shows how the Hex color 03C06B looks on a white background.

## Color Contrast Check

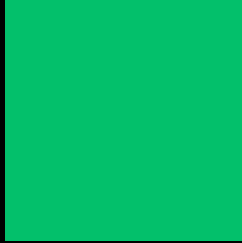
Large Text (above 18pt) WCAG AA × Fail

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 03C06B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

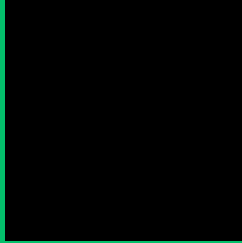
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 03C06B Background



This preview shows how black text looks on a background with the Hex color 03C06B.



This preview shows how white text looks on a background with the Hex color 03C06B.

# 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](#).

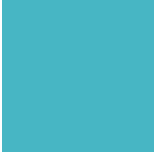
## Dichromacy



**Original Color**  
03C06B

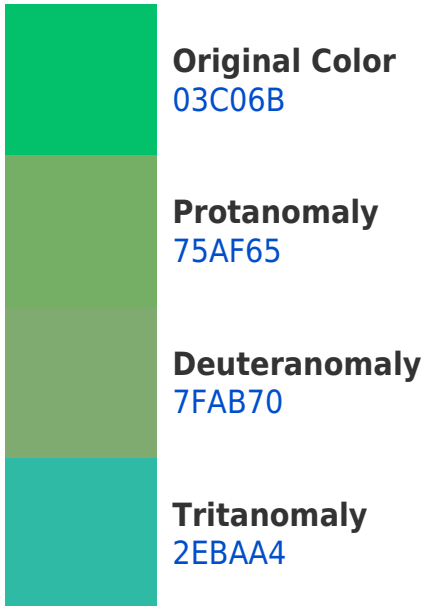
**Protanopia**  
B6A661

**Deuteranopia**  
C69F73



**Tritanopia**  
47B6C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 03C06B 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 #03C06B looks like.

```
.text, #text, p{  
    color:#03C06B  
}
```

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 #03C06B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03C06B
}
```

## Border

The CSS property to change the border of an element to Hex 03C06B 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
#03C06B }
```

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

```
.border{ border-color:#03C06B }
```

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

Here you see how a box with a 4 pixel #03C06B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03C06B; -webkit-box-shadow:4px 4px  
4px 4px #03C06B; box-shadow:4px 4px 4px  
4px #03C06B }
```

# Background

The CSS property to change the background color of an element to Hex 03C06B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03C06B }
```

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

```
.background{ background-color:#03C06B }
```

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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