

# Converting Colors

Hex(05C378)

Have a look what the booklet for  
Hex(05C378) contains.

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**Color**

**Hex(05C378)**

# Conversions

## Conversions Part 1

Format	Color
Hex	05C378
RGB	5, 195, 120
RGB Percent	2%, 76%, 47%
CMY	0.9804, 0.2353, 0.5294
CMYK	0.97, 0.00, 0.38, 0.24
HSL	156°, 95%, 39%
HSV	156°, 97%, 76%
XYZ	22.9679, 40.4185, 24.3603
YIQ	129.6400, -89.1650, -63.6050

# Conversions

## Conversions Part 2

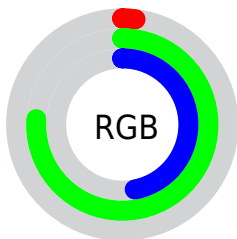
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 123, 195
Decimal	377720
CIELab	69.77, -58.25, 26.46
CIELCh	70, 63.979, 155.571
Yxy	40.4185, 0.2618, 0.4606
Android (android.graphics.Color)	4278567800 (0xFF05C378)
YUV	129.6400, -4.7525, -109.3093
Hunter-Lab	63.5756, -46.7708, 21.7847

# Details

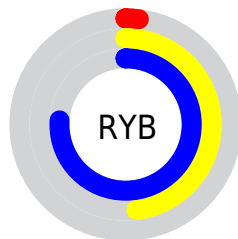
The Hex color **05C378** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **C30550**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **64FDAD**, and **008C47** is the 20% darker color. If you saturate the color by 10%, you get **00C376**, and if you desaturate by 10%, it is **18C380**.

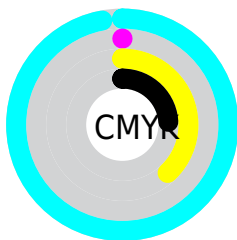
# Distribution



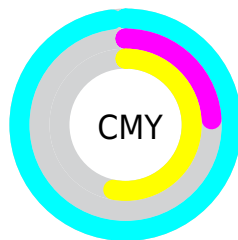
- Red (2%)
- Green (76%)
- Blue (47%)



- Red (2%)
- Yellow (48%)
- Blue (76%)



- Cyan (97%)
- Magenta (0%)
- Yellow (38%)
- Black (24%)



- Cyan (98%)
- Magenta (24%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 05C378 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 05C378 by changing the saturation by 10% instead.



 05C378

 05C378

FFFFFF

 00A75F

 64FDAD

 008C47

 84FFC8

 00712F

 A2FFE5

 005718

 C1FFFF

 003E00

 E0FFFF

 002700

FEFFFF

 000000

 05C378

 05C378

 00C376

 18C380

 2CC387

 40C38F

 53C397

 67C39E

 7AC3A6

 8EC3AE

 A1C3B6

 B5C3BD

# Harmonies

## Analogous

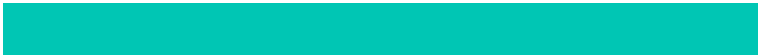
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82BA45



05C378



00C6B4

# Triad

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



05C378



3CADFF



FF7F6A

# Complementary

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



05C378



C30550

# 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.



FF74A2



05C378



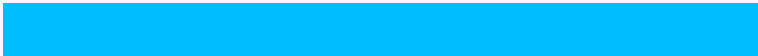
BB96FF

# Square

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



05C378



00BDFE



F97FDC



EF963E

# Rectangle

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



05C378



00C6DB



F97FDC



FF797C

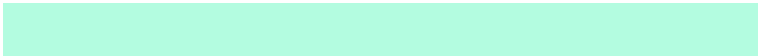


# Sweetspot

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



05C378



B3FCE0



51C305



53806E



000000



808080



# Same Dimension

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



05C378



00FC99



05B0C3



57615D



00A161



002114



# Inverse Universe

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



C30550



FC0064



C31805



61575B



A1003F

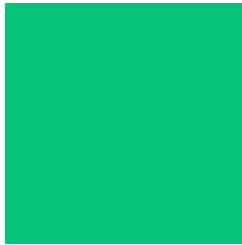


21000D



# Previews

## White Background



This preview shows how the Hex color 05C378 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 05C378 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

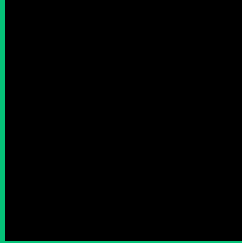
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 05C378 Background



This preview shows how black text looks on a background with the Hex color 05C378.

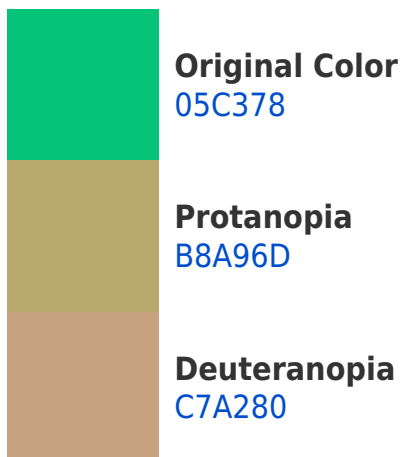


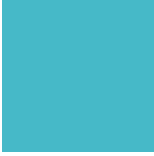
This preview shows how white text looks on a background with the Hex color 05C378.

# 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**  
46B9C8

# Trichromacy



**Original Color**  
05C378



**Protanomaly**  
77B271



**Deuteranomaly**  
80AE7D



**Tritanomaly**  
2EBDAB

# Monochromacy



**Original Color**  
05C378



**Achromatopsia**  
828282



**Achromatomaly**  
559A7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 05C378 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 #05C378 looks like.

```
.text, #text, p{  
    color:#05C378  
}
```

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 #05C378 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05C378
}
```

## Border

The CSS property to change the border of an element to Hex 05C378 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
#05C378 }
```

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

```
.border{ border-color:#05C378 }
```

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

Here you see how a box with a 4 pixel #05C378 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05C378; -webkit-box-shadow:4px 4px  
4px 4px #05C378; box-shadow:4px 4px 4px  
4px #05C378 }
```

# Background

The CSS property to change the background color of an element to Hex 05C378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05C378 }
```

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

```
.background{ background-color:#05C378 }
```

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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