

Converting Colors

Hex(05C783)

Have a look what the booklet for
Hex(05C783) contains.

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Color

Hex(05C783)

Conversions

Conversions Part 1

Format	Color
Hex	05C783
RGB	5, 199, 131
RGB Percent	2%, 78%, 51%
CMY	0.9804, 0.2196, 0.4863
CMYK	0.97, 0.00, 0.34, 0.22
HSL	159°, 95%, 40%
HSV	159°, 97%, 78%
XYZ	24.5827, 42.5178, 28.3838
YIQ	133.2420, -93.7960, -62.2760

Conversions

Conversions Part 2

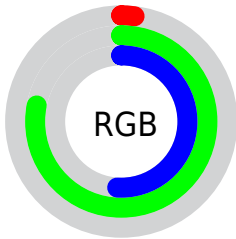
Format	Color
RYB	5, 123, 199
Decimal	378755
CIELab	71.23, -57.41, 22.63
CIELCh	71, 61.708, 158.487
Yxy	42.5178, 0.2575, 0.4453
Android (android.graphics.Color)	4278568835 (0xFF05C783)
YUV	133.2420, -1.1053, -112.4682
Hunter-Lab	65.2057, -46.8149, 19.8352

Details

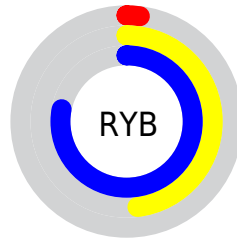
The Hex color **05C783** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **C70549**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **65FFB8**, and **009051** is the 20% darker color. If you saturate the color by 10%, you get **00C781**, and if you desaturate by 10%, it is **19C78A**.

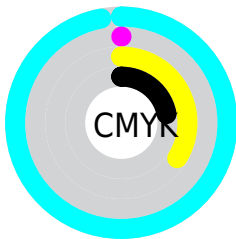
Distribution



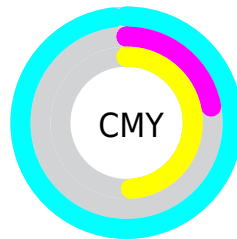
- Red (2%)
- Green (78%)
- Blue (51%)



- Red (2%)
- Yellow (48%)
- Blue (78%)



- Cyan (97%)
- Magenta (0%)
- Yellow (34%)
- Black (22%)



- Cyan (98%)
- Magenta (22%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05C783 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 05C783 by changing the saturation by 10% instead.

 05C783

 05C783

FFFFFF

 00AB6A

 65FFB8

 009051

 85FFD4

 00753A

 A4FFF1

 005B23

 C3FFFF

 00420D

 E1FFFF

 002B00

 000800

 000000

 05C783

 05C783

■ 00C781

■ 19C78A

■ 2DC791

■ 41C798

■ 55C79F

■ 69C7A6

■ 7CC7AD

■ 90C7B4

■ A4C7BB

■ B8C7C2

Harmonies

Analogous

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



82BF51



05C783



00CABD

Triad

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



05C783



5EAFFF



FF876B

Complementary

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



05C783



C70549

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.



FF7BA1



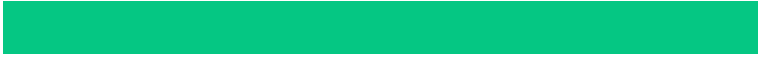
05C783



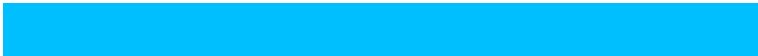
C699FF

Square

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



05C783



00BFFF



FF83D9



EE9D43

Rectangle

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



05C783



00C9E2



FF83D9



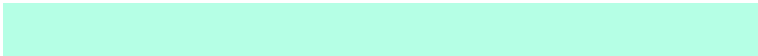
FF817C

Sweetspot

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



05C783



B5FFE5



4CC705



538070



000000



808080

Same Dimension

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



05C783



00FFA6



05ADC7



5A6360



00A36A



002417

Inverse Universe

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



C70549



FF0059



C71F05



635A5D



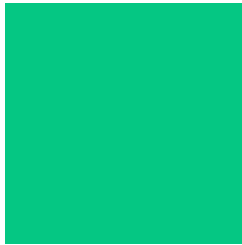
A30039



24000D

Previews

White Background



This preview shows how the Hex color 05C783 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 05C783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

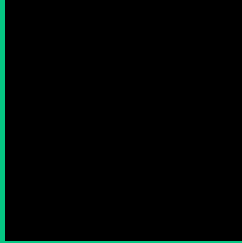
Any Text WCAG AA ✓ Pass

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 05C783 Background



This preview shows how black text looks on a background with the Hex color 05C783.



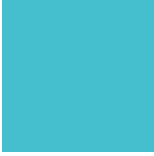
This preview shows how white text looks on a background with the Hex color 05C783.

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
45BECD

Trichromacy



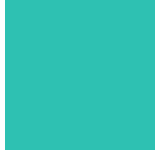
Original Color
05C783



Protanomaly
79B67C

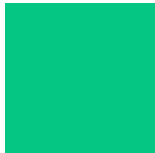


Deuteranomaly
82B287



Tritanomaly
2EC1B2

Monochromacy



Original Color
05C783



Achromatopsia
858585



Achromatomaly
569D84

CSS Examples

Text

The CSS property to change the color of the text to Hex 05C783 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 #05C783 looks like.

```
.text, #text, p{  
    color:#05C783  
}
```

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 #05C783 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05C783
}
```

Border

The CSS property to change the border of an element to Hex 05C783 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
#05C783 }
```

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

```
.border{ border-color:#05C783 }
```

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

Here you see how a box with a 4 pixel #05C783 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05C783; -webkit-box-shadow:4px 4px  
4px 4px #05C783; box-shadow:4px 4px 4px  
4px #05C783 }
```

Background

The CSS property to change the background color of an element to Hex 05C783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05C783 }
```

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

```
.background{ background-color:#05C783 }
```

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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