

# Converting Colors

Hex(07CFB5)

Have a look what the booklet for  
Hex(07CFB5) contains.

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# Color

Hex(07CFB5)

# Conversions

## Conversions Part 1

Format	Color
Hex	07CFB5
RGB	7, 207, 181
RGB Percent	3%, 81%, 71%
CMY	0.9725, 0.1882, 0.2902
CMYK	0.97, 0.00, 0.13, 0.19
HSL	172°, 93%, 42%
HSV	172°, 97%, 81%
XYZ	30.7409, 48.0070, 51.3621
YIQ	144.2360, -110.8540, -50.4860

# Conversions

## Conversions Part 2

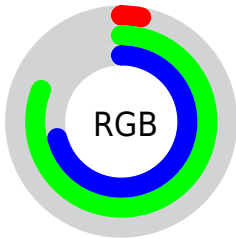
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 114, 207
Decimal	511925
CIELab	74.83, -48.29, 0.91
CIELCh	75, 48.302, 178.916
Yxy	48.0070, 0.2363, 0.3690
Android (android.graphics.Color)	4278702005 (0xFF07CFB5)
YUV	144.2360, 18.1247, -120.3560
Hunter-Lab	69.2871, -42.0565, 4.5496

# Details

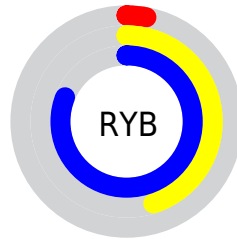
The Hex color **07CFB5** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **CF0721**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **6AFFED**, and **009880** is the 20% darker color. If you saturate the color by 10%, you get **00CFB4**, and if you desaturate by 10%, it is **1CCFB8**.

# Distribution



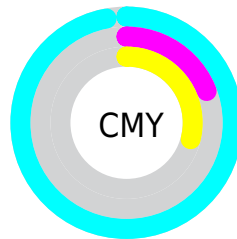
- Red (3%)
- Green (81%)
- Blue (71%)



- Red (3%)
- Yellow (45%)
- Blue (81%)



- Cyan (97%)
- Magenta (0%)
- Yellow (13%)
- Black (19%)



- Cyan (97%)
- Magenta (19%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 07CFB5 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 07CFB5 by changing the saturation by 10% instead.



 07CFB5

 07CFB5

FFFFFF

 00B39A

 6AFFED

 009880

 8BFFFF

 007D67

 AAFFFF

 00634F

 C9FFFF

 004A39

 E9FFFF

 003223

 001A0E

 000000

 07CFB5

 07CFB5

■ 00CFB4

■ 1CCFB8

■ 30CFBA

■ 45CFBD

■ 5ACFC0

■ 6ECFC2

■ 83CFC5

■ 98CFC8

■ ADCFCB

■ C1CFCD

# Harmonies

## Analogous

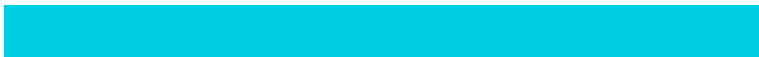
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71CB89



07CFB5



00CEE2

# Triad

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



07CFB5



B9ADFF



F8A56D

# Complementary

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



07CFB5



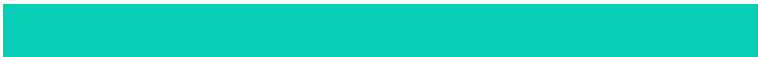
CF0721

# 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.



FF9890



07CFB5



EE9DE7

# Square

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



07CFB5



6BBDFE



FF94BC



D5B55D

# Rectangle

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



07CFB5



00CBFA



FF94BC



FFA077

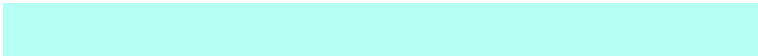


# Sweetspot

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



07CFB5



B5FFF5



22CF07



53807A



000000



808080



# Same Dimension

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



07CFB5



00FFDE



0786CF



5E6967



00A892



002923



# Inverse Universe

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



CF0721



FF0021



CF5007



695E5F



A80016

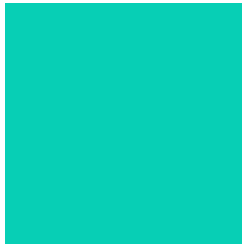


290005



# Previews

## White Background



This preview shows how the Hex color 07CFB5 looks on a white background.

## Color Contrast Check

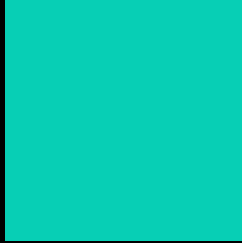
Large Text (above 18pt) WCAG AA × Fail

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 07CFB5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

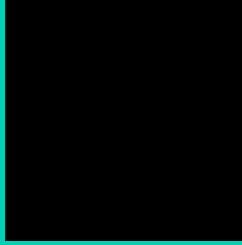
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

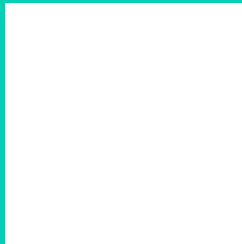
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 07CFB5 Background



This preview shows how black text looks on a background with the Hex color 07CFB5.



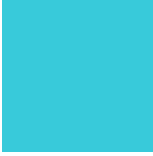
This preview shows how white text looks on a background with the Hex color 07CFB5.

# Color Blindness Simulation

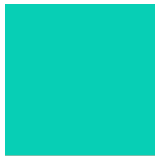
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



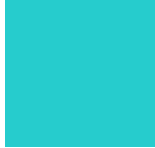
**Original Color**  
07CFB5



**Protanomaly**  
7BBFAC

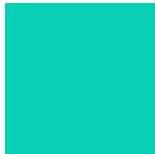


**Deuteranomaly**  
81BCB9



**Tritanomaly**  
26CCCD

# Monochromacy



**Original Color**  
07CFB5



**Achromatopsia**  
909090



**Achromatomaly**  
5EA79D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 07CFB5 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 #07CFB5 looks like.

```
.text, #text, p{  
    color:#07CFB5  
}
```

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 #07CFB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07CFB5
}
```

## Border

The CSS property to change the border of an element to Hex 07CFB5 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
#07CFB5 }
```

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

```
.border{ border-color:#07CFB5 }
```

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

Here you see how a box with a 4 pixel #07CFB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07CFB5; -webkit-box-shadow:4px 4px  
4px 4px #07CFB5; box-shadow:4px 4px 4px  
4px #07CFB5 }
```

# Background

The CSS property to change the background color of an element to Hex 07CFB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07CFB5 }
```

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

```
.background{ background-color:#07CFB5 }
```

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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