

# Converting Colors

Hex(05F5DC)

Have a look what the booklet for  
Hex(05F5DC) contains.

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**Color**

**Hex(05F5DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	05F5DC
RGB	5, 245, 220
RGB Percent	2%, 96%, 86%
CMY	0.9804, 0.0392, 0.1373
CMYK	0.98, 0.00, 0.10, 0.04
HSL	174°, 96%, 49%
HSV	174°, 98%, 96%
XYZ	45.6333, 70.5044, 78.9137
YIQ	170.3900, -135.0150, -58.6550

# Conversions

## Conversions Part 2

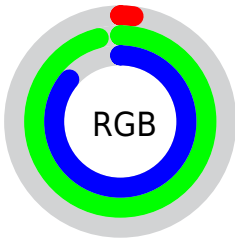
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	5, 132, 245
Decimal	390620
CIE Lab	87.24, -53.50, -1.64
CIE LCh	87, 53.524, 181.760
Yxy	70.5044, 0.2340, 0.3615
Android (android.graphics.Color)	4278580700 (0xFF05F5DC)
YUV	170.3900, 24.4577, -145.0470
Hunter-Lab	83.9669, -49.9331, 3.0549

# Details

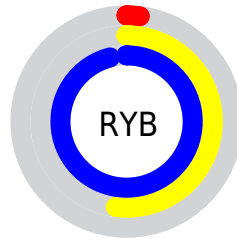
The Hex color **05F5DC** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **F5051E**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **75FFFF**, and **00BCA5** is the 20% darker color. If you saturate the color by 10%, you get **00F5DB**, and if you desaturate by 10%, it is **1EF5DF**.

# Distribution



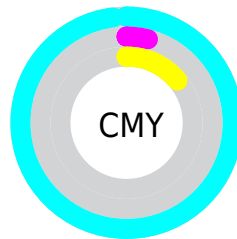
- Red (2%)
- Green (96%)
- Blue (86%)



- Red (2%)
- Yellow (52%)
- Blue (96%)



- Cyan (98%)
- Magenta (0%)
- Yellow (10%)
- Black (4%)



- Cyan (98%)
- Magenta (4%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 05F5DC 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 05F5DC by changing the saturation by 10% instead.



 05F5DC

 05F5DC

FFFFFF

 00D8C0

 75FFFF

 00BCA5

 97FFFF

 00A08B

 B8FFFF

 008571

 D9FFFF

 006B59

 F9FFFF

 005142

 00392C

 002117

 000000

05F5DC

05F5DC

00F5DB

1EF5DF

36F5E1

4FF5E4

67F5E6

80F5E9

98F5EB

B1F5EE

C9F5F0

E2F5F3

# Harmonies

## Analogous

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



83F1A9



05F5DC



00F4FF

# Triad

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



05F5DC



E3CCFF



FFC782

# Complementary

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



05F5DC



F5051E

# 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.



FFB7A8



05F5DC



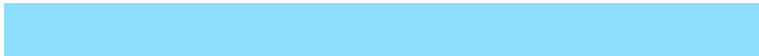
FFBAFF

# Square

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



05F5DC



8EDFFF



FFB1DA



F7D973

# Rectangle

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



05F5DC



00F0FF



FFB1DA



FFC18C



# Sweetspot

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



05F5DC



B5FFF7



21F505



53807B



000000



808080



# Same Dimension

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



05F5DC



00FFE4



0599F5



6E7A79



00BAA7



003B35



# Inverse Universe

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



F5051E



FF001B



F56105



7A6E6F



BA0013

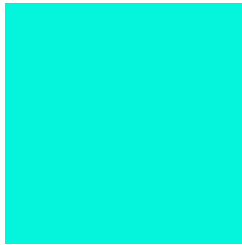


3B0006



# Previews

## White Background



This preview shows how the Hex color 05F5DC looks on a white background.

## Color Contrast Check

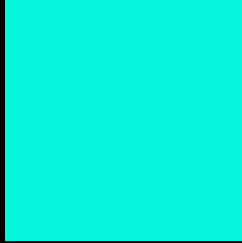
Large Text (above 18pt) WCAG AA × Fail

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 05F5DC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

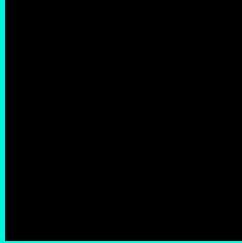
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 05F5DC Background



This preview shows how black text looks on a background with the Hex color 05F5DC.

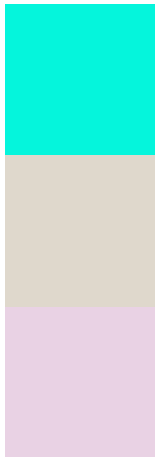


This preview shows how white text looks on a background with the Hex color 05F5DC.

# 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**  
05F5DC

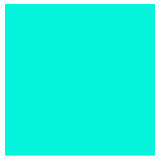
**Protanopia**  
DFD8CC

**Deuteranopia**  
E9D2E4

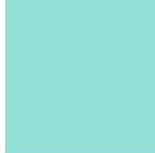


**Tritanopia**  
5EEDFF

# Trichromacy



**Original Color**  
05F5DC



**Protanomaly**  
90E3D2



**Deuteranomaly**  
96DFE1



**Tritanomaly**  
3EF0F2

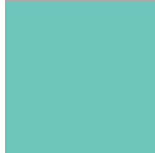
# Monochromacy



**Original Color**  
05F5DC



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
6EC5BC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 05F5DC 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 #05F5DC looks like.

```
.text, #text, p{  
    color:#05F5DC  
}
```

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 #05F5DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05F5DC
}
```

## Border

The CSS property to change the border of an element to Hex 05F5DC 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
#05F5DC }
```

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

```
.border{ border-color:#05F5DC }
```

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

Here you see how a box with a 4 pixel #05F5DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05F5DC; -webkit-box-shadow:4px 4px  
4px 4px #05F5DC; box-shadow:4px 4px 4px  
4px #05F5DC }
```

# Background

The CSS property to change the background color of an element to Hex 05F5DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05F5DC }
```

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

```
.background{ background-color:#05F5DC }
```

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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