

Converting Colors

Hex(05DC77)

Have a look what the booklet for
Hex(05DC77) contains.

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Color

Hex(05DC77)

Conversions

Conversions Part 1

Format	Color
Hex	05DC77
RGB	5, 220, 119
RGB Percent	2%, 86%, 47%
CMY	0.9804, 0.1373, 0.5333
CMYK	0.98, 0.00, 0.46, 0.14
HSL	152°, 96%, 44%
HSV	152°, 98%, 86%
XYZ	28.9856, 52.5506, 26.0683
YIQ	144.2010, -95.7190, -76.9910

Conversions

Conversions Part 2

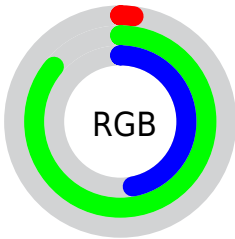
Format	Color
RYB	5, 146, 220
Decimal	384119
CIELab	77.61, -66.94, 37.21
CIELCh	78, 76.581, 150.932
Yxy	52.5506, 0.2694, 0.4884
Android (android.graphics.Color)	4278574199 (0xFF05DC77)
YUV	144.2010, -12.4241, -122.0793
Hunter-Lab	72.4918, -55.4881, 29.4233

Details

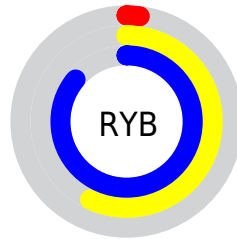
The Hex color **05DC77** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **DC056A**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **6BFFAC**, and **00A344** is the 20% darker color. If you saturate the color by 10%, you get **00DC75**, and if you desaturate by 10%, it is **1BDC81**.

Distribution



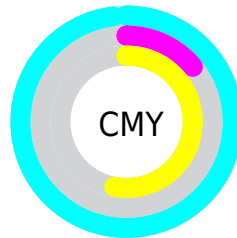
- Red (2%)
- Green (86%)
- Blue (47%)



- Red (2%)
- Yellow (57%)
- Blue (86%)



- Cyan (98%)
- Magenta (0%)
- Yellow (46%)
- Black (14%)



- Cyan (98%)
- Magenta (14%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05DC77 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 05DC77 by changing the saturation by 10% instead.

 05DC77

 05DC77

FFFFFF

 00BF5D

 6BFFAC

 00A344

 8CFFC8

 00882C

 ACFFE5

 006D12

 CBFFFF

 005300

 EAFFFF

 003B00

 002200

 000000

 05DC77

 05DC77

00DC75

1BDC81

31DC8C

47DC96

5DDCA0

73DCAB

89DCB5

9FDCBF

B5DCCA

CBDCD4

Harmonies

Analogous

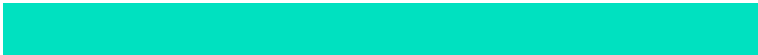
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9AD138



05DC77



00E1C0

Triad

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



05DC77



00C7FF



FF857B

Complementary

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



05DC77



DC056A

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.



FF7AC1



05DC77



C2ACFF

Square

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



05DC77



00D9FF



FF8CFF



FFA23F

Rectangle

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



05DC77



00E1F1



FF8CFF



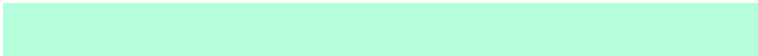
FF7E91

Sweetspot

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



05DC77



B5FFDC



6DDC05



53806B



000000



808080

Same Dimension

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



05DC77



00FF87



05D8DC



636E68



00AD5C



002E18

Inverse Universe

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



DC056A



FF0078



DC0905



6E6368



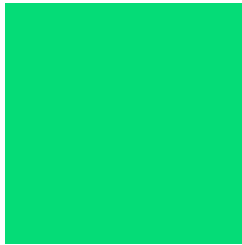
AD0051



2E0016

Previews

White Background



This preview shows how the Hex color 05DC77 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 05DC77 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 05DC77 Background



This preview shows how black text looks on a background with the Hex color 05DC77.

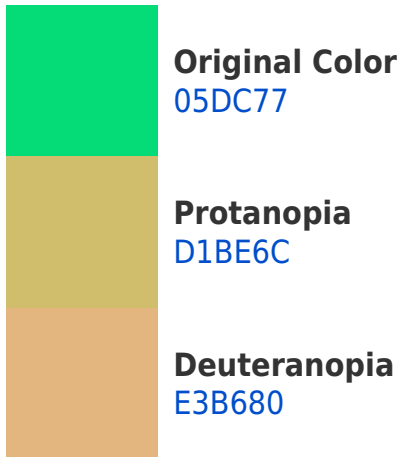


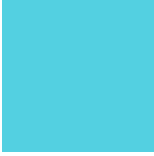
This preview shows how white text looks on a background with the Hex color 05DC77.

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
53D0E1

Trichromacy



Original Color
05DC77



Protanomaly
87C970



Deuteranomaly
92C47D



Tritanomaly
37D4BA

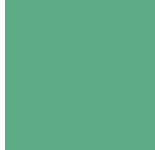
Monochromacy



Original Color
05DC77



Achromatopsia
909090



Achromatomaly
5DAC87

CSS Examples

Text

The CSS property to change the color of the text to Hex 05DC77 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 #05DC77 looks like.

```
.text, #text, p{  
    color:#05DC77  
}
```

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 #05DC77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05DC77
}
```

Border

The CSS property to change the border of an element to Hex 05DC77 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
#05DC77 }
```

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

```
.border{ border-color:#05DC77 }
```

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

Here you see how a box with a 4 pixel #05DC77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05DC77; -webkit-box-shadow:4px 4px  
4px 4px #05DC77; box-shadow:4px 4px 4px  
4px #05DC77 }
```

Background

The CSS property to change the background color of an element to Hex 05DC77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05DC77 }
```

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

```
.background{ background-color:#05DC77 }
```

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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