

Converting Colors

Hex(6CD05F)

Have a look what the booklet for
Hex(6CD05F) contains.

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Color

Hex(6CD05F)

Conversions

Conversions Part 1

Format	Color
Hex	6CD05F
RGB	108, 208, 95
RGB Percent	42%, 82%, 37%
CMY	0.5765, 0.1843, 0.6275
CMYK	0.48, 0.00, 0.54, 0.18
HSL	113°, 55%, 59%
HSV	113°, 54%, 82%
XYZ	30.8058, 49.1261, 18.6851
YIQ	165.2180, -23.3270, -56.3430

Conversions

Conversions Part 2

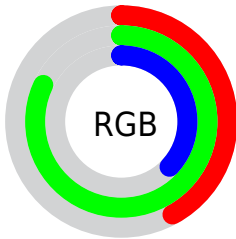
Format	Color
RYB	95, 208, 195
Decimal	7131231
CIELab	75.53, -51.07, 46.67
CIELCh	76, 69.183, 137.579
Yxy	49.1261, 0.3124, 0.4982
Android (android.graphics.Color)	4285321311 (0xFF6CD05F)
YUV	165.2180, -34.6175, -50.1802
Hunter-Lab	70.0900, -44.2037, 33.2570

Details

The Hex color **6CD05F** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **C35FD0**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A5FF94**, and **2F992B** is the 20% darker color. If you saturate the color by 10%, you get **5AD04A**, and if you desaturate by 10%, it is **7ED074**.

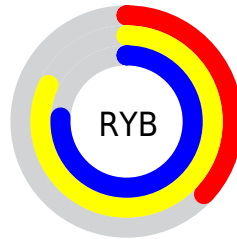
Distribution



Red (42%)

Green (82%)

Blue (37%)



Red (37%)

Yellow (82%)

Blue (76%)

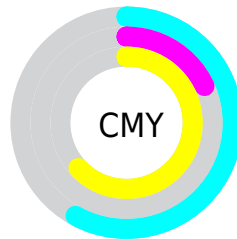


Cyan (48%)

Magenta (0%)

Yellow (54%)

Black (18%)



Cyan (58%)

Magenta (18%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CD05F 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 6CD05F by changing the saturation by 10% instead.

 6CD05F

 6CD05F

FFFFFF

 4FB445

 A5FF94

 2F992B

 C3FFB0

 007E0D

 E0FFCC

 006400

 FEFFE8

 004B00

 003400

 001C00

 000000

 6CD05F

 6CD05F

 5AD04A

 7ED074

 47D035

 91D089

 35D021

 A3D09D

 22D00C

 B6D0B2

 18D000

 C8D0C7

 DAD0DC

 EDD0F1

 FFD0FF

Harmonies

Analogous

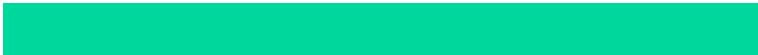
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B8C233



6CD05F



00D79C

Triad

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



6CD05F



00C9FF



FF8097

Complementary

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



6CD05F



C35FD0

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.



FF82D7



6CD05F



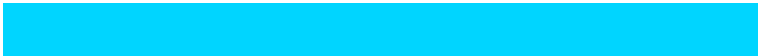
89B4FF

Square

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



6CD05F



00D5FF



ED99FF



FF945E

Rectangle

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



6CD05F



00D9C9



ED99FF



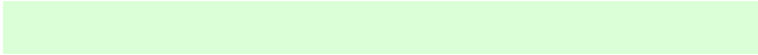
FF7EAC

Sweetspot

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



6CD05F



DBFFD6



D0C35F



6A8067



000000



808080

Same Dimension

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



6CD05F



6CFF59



5FD08A



5F695E



13A800



052900

Inverse Universe

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



C35FD0



EC59FF



D05FA5



675E69



9500A8



240029

Previews

White Background



This preview shows how the Hex color 6CD05F looks on a white background.

Color Contrast Check

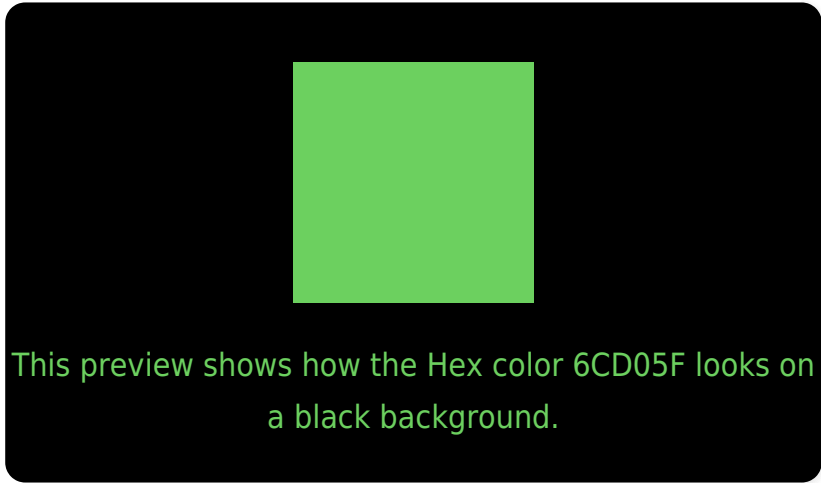
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

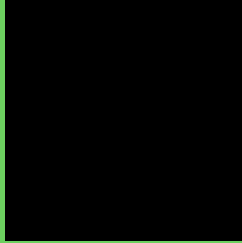
Any Text WCAG AA ✓ Pass

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 6CD05F Background



This preview shows how black text looks on a background with the Hex color 6CD05F.

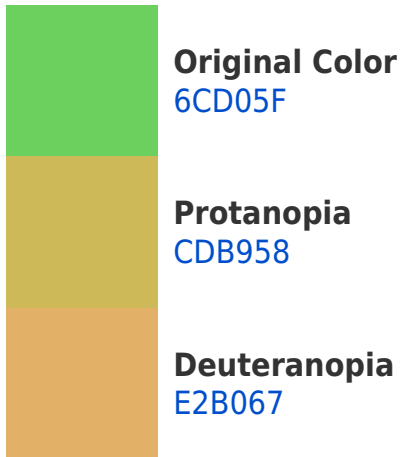


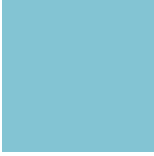
This preview shows how white text looks on a background with the Hex color 6CD05F.

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
83C4D3

Trichromacy



Original Color
6CD05F



Protanomaly
AAC15B



Deuteranomaly
B7BC64



Tritanomaly
7BC8A9

Monochromacy



Original Color
6CD05F



Achromatopsia
A5A5A5



Achromatomaly
90B58C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CD05F 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 #6CD05F looks like.

```
.text, #text, p{  
    color:#6CD05F  
}
```

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 #6CD05F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CD05F
}
```

Border

The CSS property to change the border of an element to Hex 6CD05F 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
#6CD05F }
```

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

```
.border{ border-color:#6CD05F }
```

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

Here you see how a box with a 4 pixel #6CD05F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CD05F; -webkit-box-shadow:4px 4px  
4px 4px #6CD05F; box-shadow:4px 4px 4px  
4px #6CD05F }
```

Background

The CSS property to change the background color of an element to Hex 6CD05F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CD05F }
```

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

```
.background{ background-color:#6CD05F }
```

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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