

Converting Colors

Hex(6DFA05)

Have a look what the booklet for
Hex(6DFA05) contains.

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Color

Hex(6DFA05)

Conversions

Conversions Part 1

Format	Color
Hex	6DFA05
RGB	109, 250, 5
RGB Percent	43%, 98%, 2%
CMY	0.5725, 0.0196, 0.9804
CMYK	0.56, 0.00, 0.98, 0.02
HSL	95°, 96%, 50%
HSV	95°, 98%, 98%
XYZ	40.5197, 71.6334, 11.8346
YIQ	179.9110, -5.3910, -106.0870

Conversions

Conversions Part 2

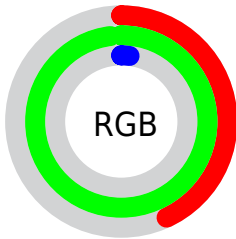
Format	Color
RYB	5, 250, 146
Decimal	7207429
CIELab	87.79, -71.07, 83.50
CIELCh	88, 109.653, 130.400
Yxy	71.6334, 0.3268, 0.5777
Android (android.graphics.Color)	4285397509 (0xFF6DFA05)
YUV	179.9110, -86.2311, -62.1889
Hunter-Lab	84.6365, -62.6571, 50.9551

Details

The Hex color **6DFA05** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **9205FA**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **AEFF5D**, and **14C000** is the 20% darker color. If you saturate the color by 10%, you get **6AFA00**, and if you desaturate by 10%, it is **7BFA1E**.

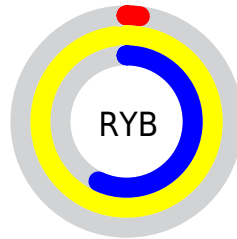
Distribution



Red (43%)

Green (98%)

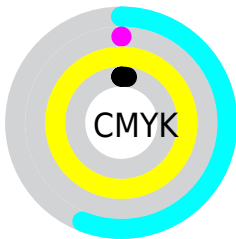
Blue (2%)



Red (2%)

Yellow (98%)

Blue (57%)

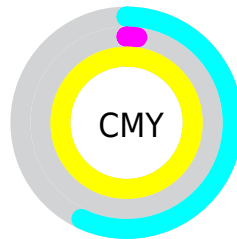


Cyan (56%)

Magenta (0%)

Yellow (98%)

Black (2%)



Cyan (57%)

Magenta (2%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DFA05 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 6DFA05 by changing the saturation by 10% instead.

 6DFA05

 6DFA05

FFFFFF

 49DD00

 AEFF5D

 14C000

 CDFF7C

 00A400

 ECFF99

 008900

 FFFFB7

 006E00

 FFFF5D

 005400

 FFFF33

 003C00

 002200

 000000

 6DFA05

 6DFA05

 6AFA00

 7BFA1E

 8AFA37

 98FA50

 A7FA69

 B5FA82

 C3FA9B

 D2FAB4

 E0FACD

 EEFAE6

Harmonies

Analogous

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



E7E300



6DFA05



00FF91

Triad

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



6DFA05



00FBFF



FF5BBD

Complementary

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



6DFA05



9205FA

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.



FF73FF



6DFA05



00DDFF

Square

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



6DFA05



00FFFF



FFADFF



FF8958

Rectangle

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



6DFA05



00FFDB



FFADFF



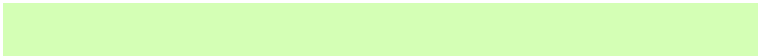
FF5ADF

Sweetspot

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



6DFA05



D4FFB5



FA9005



668053



000000



808080

Same Dimension

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



6DFA05



6CFF00



05FA15



767D70



50BD00



1A3D00

Inverse Universe

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



9205FA



9300FF



FA05EA



78707D



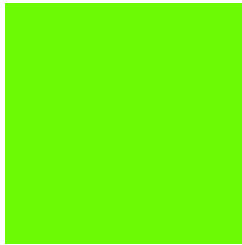
6D00BD



23003D

Previews

White Background



This preview shows how the Hex color 6DFA05 looks on a white background.

Color Contrast Check

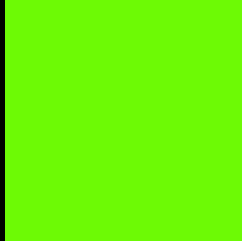
Large Text (above 18pt) WCAG AA × Fail

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 6DFA05 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

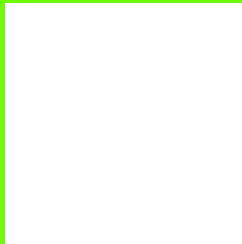
Any Text WCAG AAA ✓ Pass

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

Hex 6DFA05 Background



This preview shows how black text looks on a background with the Hex color 6DFA05.



This preview shows how white text looks on a background with the Hex color 6DFA05.

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](#).

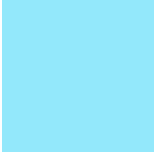
Dichromacy



Original Color
6DFA05

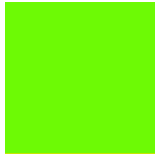
Protanopia
F6DB00

Deuteranopia
FFD391



Tritanopia
93E8FB

Trichromacy



Original Color
6DFA05



Protanomaly
C4E602

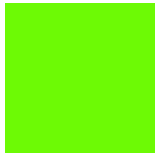


Deuteranomaly
CAE15E

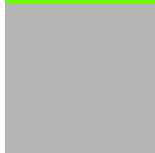


Tritanomaly
85EFA2

Monochromacy



Original Color
6DFA05



Achromatopsia
B4B4B4



Achromatomaly
9ACD74

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DFA05 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 #6DFA05 looks like.

```
.text, #text, p{  
    color:#6DFA05  
}
```

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 #6DFA05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DFA05
}
```

Border

The CSS property to change the border of an element to Hex 6DFA05 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
#6DFA05 }
```

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

```
.border{ border-color:#6DFA05 }
```

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

Here you see how a box with a 4 pixel #6DFA05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DFA05; -webkit-box-shadow:4px 4px  
4px 4px #6DFA05; box-shadow:4px 4px 4px  
4px #6DFA05 }
```

Background

The CSS property to change the background color of an element to Hex 6DFA05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DFA05 }
```

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

```
.background{ background-color:#6DFA05 }
```

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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