

Converting Colors

Hex(6DFC4F)

Have a look what the booklet for
Hex(6DFC4F) contains.

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Color

Hex(6DFC4F)

Conversions

Conversions Part 1

Format	Color
Hex	6DFC4F
RGB	109, 252, 79
RGB Percent	43%, 99%, 31%
CMY	0.5725, 0.0118, 0.6902
CMYK	0.57, 0.00, 0.69, 0.01
HSL	110°, 97%, 65%
HSV	110°, 69%, 99%
XYZ	42.5284, 73.4365, 19.3303
YIQ	189.5210, -29.6950, -84.1190

Conversions

Conversions Part 2

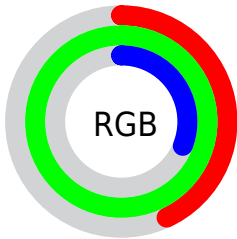
Format	Color
RYB	79, 252, 222
Decimal	7208015
CIELab	88.66, -68.67, 68.03
CIELCh	89, 96.668, 135.268
Yxy	73.4365, 0.3143, 0.5428
Android (android.graphics.Color)	4285398095 (0xFF6DFC4F)
YUV	189.5210, -54.4869, -70.6169
Hunter-Lab	85.6951, -61.3813, 46.6125

Details

The Hex color **6DFC4F** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed chartreuse. A complement of this color would be **DE4FFC**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **ACFF88**, and **1BC200** is the 20% darker color. If you saturate the color by 10%, you get **58FC36**, and if you desaturate by 10%, it is **82FC68**.

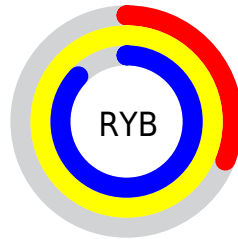
Distribution



Red (43%)

Green (99%)

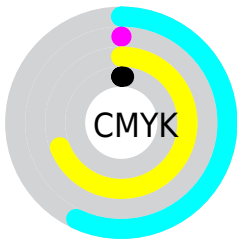
Blue (31%)



Red (31%)

Yellow (99%)

Blue (87%)

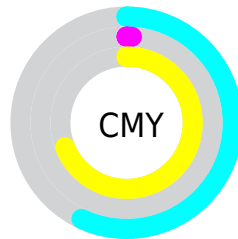


Cyan (57%)

Magenta (0%)

Yellow (69%)

Black (1%)



Cyan (57%)

Magenta (1%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DFC4F 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 6DFC4F by changing the saturation by 10% instead.

 6DFC4F

 6DFC4F

FFFFFF

 4ADF30

 ACFF88

 1BC200

 CBFFA4

 00A600

 EAFFC1

 008B00

 FFFFDF

 007000

 FFFFFC

 005600

 003D00

 002400

 000000

 6DFC4F

 6DFC4F

 58FC36

 82FC68

 43FC1D

 97FC81

 2FFC03

 ABFC9B

 2CFC00

 C0FCB4

 D5FCCD

 EAFCE6

 FFFCFF

Harmonies

Analogous

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



DDE900



6DFC4F



00FFAC

Triad

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



6DFC4F



00F6FF



FF7EB4

Complementary

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



6DFC4F



DE4FFC

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.



FF85FF



6DFC4F



6BD9FF

Square

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



6DFC4F



00FFFF



FFAFFF



FFA15D

Rectangle

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



6DFC4F



00FFED



FFAFFF



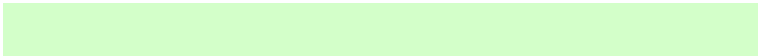
FF7BD2

Sweetspot

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



6DFC4F



D3FFC9



FCDC4F



658060



000000



808080

Same Dimension

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



6DFC4F



52FF2E



4FFC86



737D70



21BD00



0B3D00

Inverse Universe

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



DE4FFC



DB2EFF



FC4FC5



7B707D



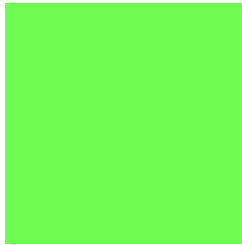
9C00BD



33003D

Previews

White Background



This preview shows how the Hex color 6DFC4F 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 6DFC4F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

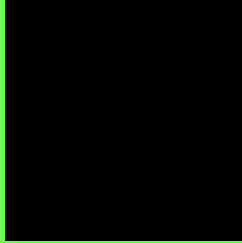
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

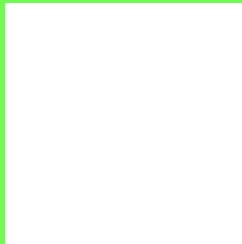
Any Text WCAG AAA ✓ Pass

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

Hex 6DFC4F Background



This preview shows how black text looks on a background with the Hex color 6DFC4F.

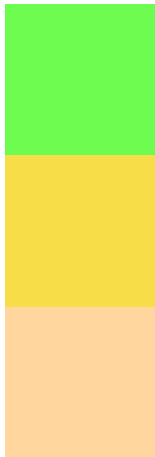


This preview shows how white text looks on a background with the Hex color 6DFC4F.

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](#).

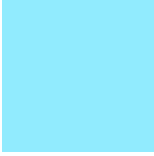
Dichromacy



Original Color
6DFC4F

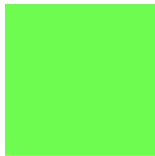
Protanopia
F7DD47

Deuteranopia
FFD69E

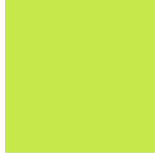


Tritanopia
91EBFE

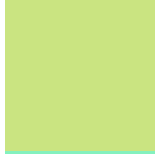
Trichromacy



Original Color
6DFC4F



Protanomaly
C5E84A



Deuteranomaly
CAE481

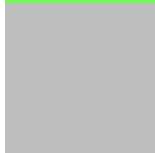


Tritanomaly
84F1BE

Monochromacy



Original Color
6DFC4F



Achromatopsia
BEBEBE



Achromatomaly
A1D596

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DFC4F 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 #6DFC4F looks like.

```
.text, #text, p{  
    color:#6DFC4F  
}
```

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 #6DFC4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DFC4F
}
```

Border

The CSS property to change the border of an element to Hex 6DFC4F 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
#6DFC4F }
```

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

```
.border{ border-color:#6DFC4F }
```

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

Here you see how a box with a 4 pixel #6DFC4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DFC4F; -webkit-box-shadow:4px 4px  
4px 4px #6DFC4F; box-shadow:4px 4px 4px  
4px #6DFC4F }
```

Background

The CSS property to change the background color of an element to Hex 6DFC4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DFC4F }
```

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

```
.background{ background-color:#6DFC4F }
```

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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