

Converting Colors

Hex(6CF454)

Have a look what the booklet for
Hex(6CF454) contains.

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Color

Hex(6CF454)

Conversions

Conversions Part 1

Format	Color
Hex	6CF454
RGB	108, 244, 84
RGB Percent	42%, 96%, 33%
CMY	0.5765, 0.0431, 0.6706
CMYK	0.56, 0.00, 0.66, 0.04
HSL	111°, 88%, 64%
HSV	111°, 66%, 96%
XYZ	40.1353, 68.5296, 19.4997
YIQ	185.0960, -29.6960, -78.5920

Conversions

Conversions Part 2

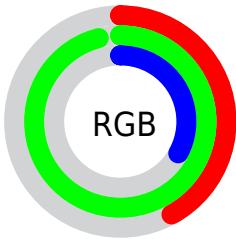
Format	Color
RYB	84, 244, 220
Decimal	7140436
CIELab	86.27, -65.71, 63.60
CIELCh	86, 91.441, 135.935
Yxy	68.5296, 0.3132, 0.5347
Android (android.graphics.Color)	4285330516 (0xFF6CF454)
YUV	185.0960, -49.8403, -67.6132
Hunter-Lab	82.7826, -58.3279, 43.9819

Details

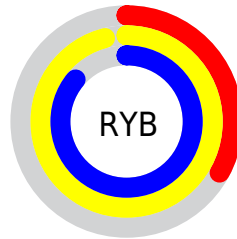
The Hex color **6CF454** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **DC54F4**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **AAFF8C**, and **1EBB13** is the 20% darker color. If you saturate the color by 10%, you get **57F43C**, and if you desaturate by 10%, it is **81F46C**.

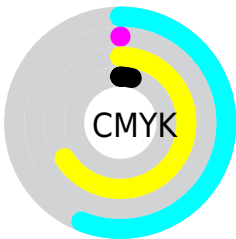
Distribution



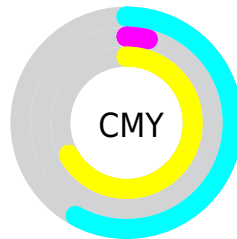
- Red (42%)
- Green (96%)
- Blue (33%)



- Red (33%)
- Yellow (96%)
- Blue (86%)



- Cyan (56%)
- Magenta (0%)
- Yellow (66%)
- Black (4%)



- Cyan (58%)
- Magenta (4%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CF454 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 6CF454 by changing the saturation by 10% instead.

 6CF454

 6CF454


FFFFFF

 4AD737

 AAFF8C

 1EBB13

 C9FFA8

 009F00

 E7FFC5

 008400

 FFFFE2

 006900

 004F00

 003800

 001E00

 000000

 6CF454

 6CF454

 57F43C

 81F46C

 43F423

 95F485

 2EF40B

 AAF49D

 25F400

 BFF4B6

 D4F4CE

 E8F4E6

 FDF4FF

 FFF4FF

Harmonies

Analogous

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



D6E200



6CF454



00FDAB

Triad

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



6CF454



00EDFF



FF80AD

Complementary

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



6CF454



DC54F4

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



6CF454



78D2FF

Square

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



6CF454



00FCFF



FFABFF



FF9F5D

Rectangle

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



6CF454



00FFE7



FFABFF



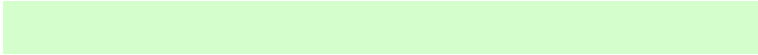
FF7DCA

Sweetspot

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



6CF454



D4FFCC



F4DC54



658061



000000



808080

Same Dimension

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



6CF454



54FF36



54F48C



707A6E



1CBA00



093B00

Inverse Universe

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



DC54F4



E136FF



F454BC



796E7A



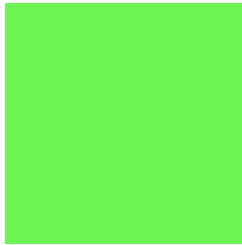
9E00BA



32003B

Previews

White Background



This preview shows how the Hex color 6CF454 looks on a white background.

Color Contrast Check

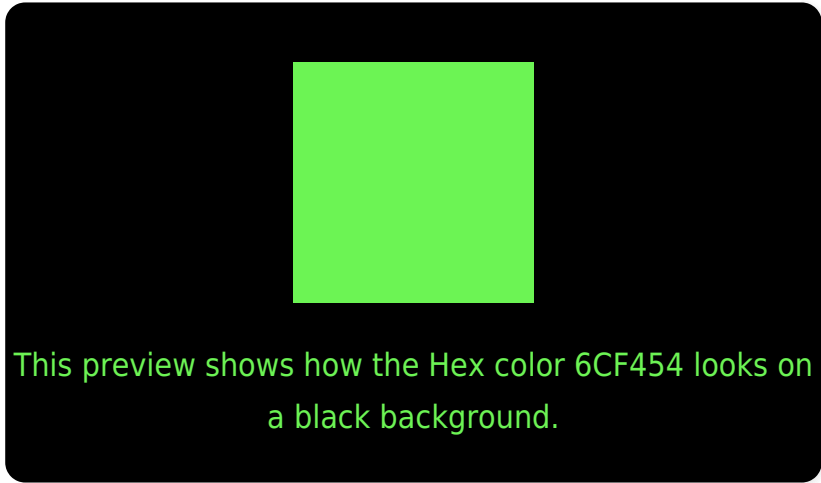
Large Text (above 18pt) WCAG AA × Fail

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

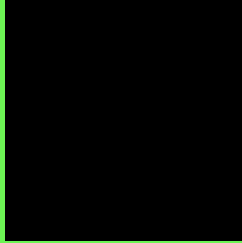
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

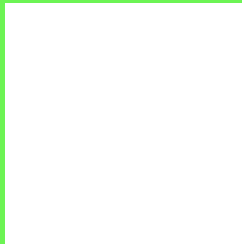
Any Text WCAG AAA ✓ Pass

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

Hex 6CF454 Background



This preview shows how black text looks on a background with the Hex color 6CF454.

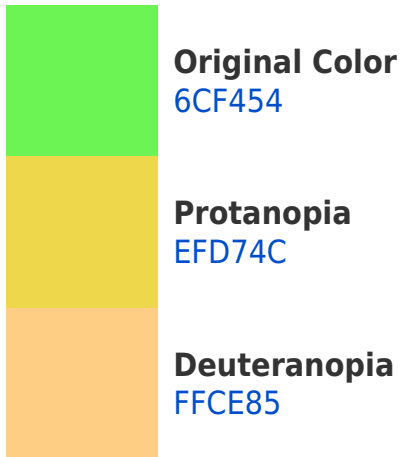


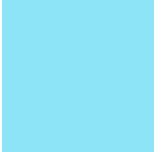
This preview shows how white text looks on a background with the Hex color 6CF454.

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](#).

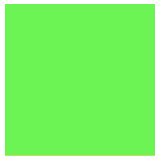
Dichromacy





Tritanopia
8EE4F7

Trichromacy



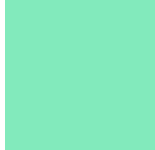
Original Color
6CF454



Protanomaly
BFE24F



Deuteranomaly
CADC73

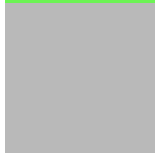


Tritanomaly
82EABC

Monochromacy



Original Color
6CF454



Achromatopsia
B9B9B9



Achromatomaly
9DCE94

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CF454 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 #6CF454 looks like.

```
.text, #text, p{  
    color:#6CF454  
}
```

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 #6CF454 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CF454
}
```

Border

The CSS property to change the border of an element to Hex 6CF454 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
#6CF454 }
```

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

```
.border{ border-color:#6CF454 }
```

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

Here you see how a box with a 4 pixel #6CF454 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CF454; -webkit-box-shadow:4px 4px  
4px 4px #6CF454; box-shadow:4px 4px 4px  
4px #6CF454 }
```

Background

The CSS property to change the background color of an element to Hex 6CF454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CF454 }
```

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

```
.background{ background-color:#6CF454 }
```

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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