

Converting Colors

Hex(7CFF66)

Have a look what the booklet for
Hex(7CFF66) contains.

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Color

Hex(7CFF66)

Conversions

Conversions Part 1

Format	Color
Hex	7CFF66
RGB	124, 255, 102
RGB Percent	49%, 100%, 40%
CMY	0.5137, 0.0000, 0.6000
CMYK	0.51, 0.00, 0.60, 0.00
HSL	111°, 100%, 70%
HSV	111°, 60%, 100%
XYZ	46.4705, 76.7644, 24.9381
YIQ	198.3890, -28.9630, -75.3550

Conversions

Conversions Part 2

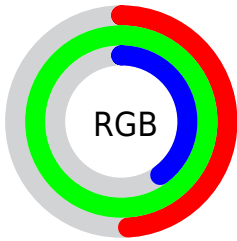
Format	Color
RYB	102, 255, 233
Decimal	8191846
CIELab	90.21, -63.92, 60.76
CIELCh	90, 88.188, 136.451
Yxy	76.7644, 0.3136, 0.5181
Android (android.graphics.Color)	4286381926 (0xFF7CFF66)
YUV	198.3890, -47.5198, -65.2392
Hunter-Lab	87.6153, -58.6518, 44.4549

Details

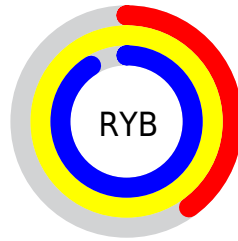
The Hex color **7CFF66** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **E966FF**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **B9FF9D**, and **39C52D** is the 20% darker color. If you saturate the color by 10%, you get **66FF4D**, and if you desaturate by 10%, it is **92FF80**.

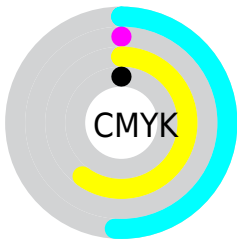
Distribution



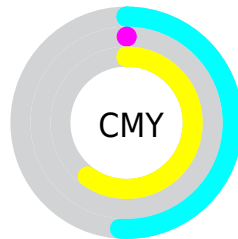
- Red (49%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (91%)



- Cyan (51%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (51%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CFF66 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 7CFF66 by changing the saturation by 10% instead.

 7CFF66

 7CFF66

FFFFFF

 5CE24A

 B9FF9D

 39C52D

 D7FFBA

 00A902

 F6FFD7

 008E00

 FFFFF4

 007300

 005900

 004000

 002800

 000100

 7CFF66

 7CFF66

 66FF4D

 92FF80

 50FF33

 A8FF99

 3AFF19

 BEFFB3

 25FF00

 D3FFCC

 E9FFE6

FFFFFF

Harmonies

Analogous

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



E1ED21



7CFF66



00FFB8

Triad

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



7CFF66



00F7FF



FF92B8

Complementary

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



7CFF66



E966FF

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.



FF96FF



7CFF66



93DCFF

Square

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



7CFF66



00FFFF



FFB7FF



FFAE6B

Rectangle

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



7CFF66



00FFF3



FFB7FF



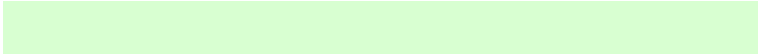
FF8FD4

Sweetspot

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



7CFF66



D8FFD1



FFE866



678063



000000



808080

Same Dimension

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



7CFF66



62FF47



66FF9C



758073



1BBF00



094000

Inverse Universe

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



E966FF



E547FF



FF66C9



7E7380



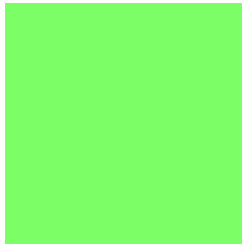
A400BF



370040

Previews

White Background



This preview shows how the Hex color 7CFF66 looks on a white background.

Color Contrast Check

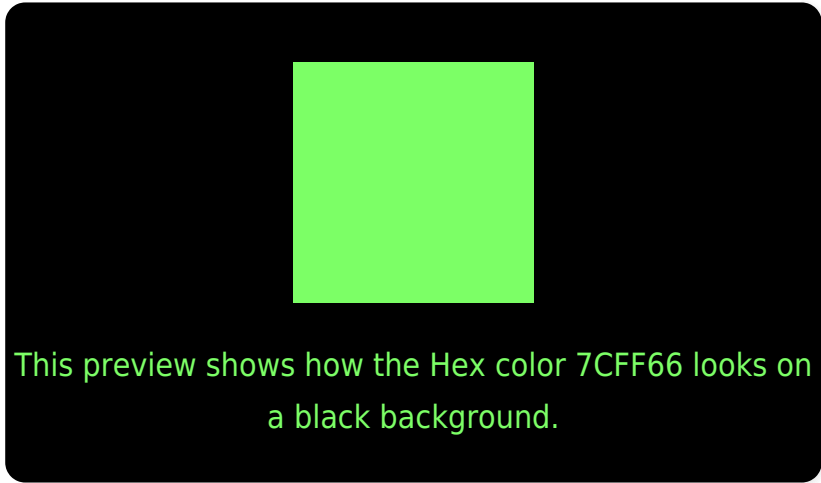
Large Text (above 18pt) WCAG AA × Fail

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

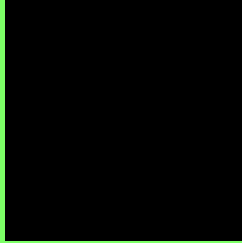
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

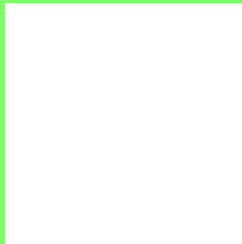
Any Text WCAG AAA ✓ Pass

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

Hex 7CFF66 Background



This preview shows how black text looks on a background with the Hex color 7CFF66.

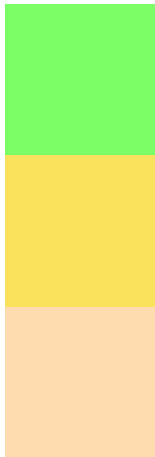


This preview shows how white text looks on a background with the Hex color 7CFF66.

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](#).

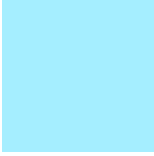
Dichromacy



Original Color
7CFF66

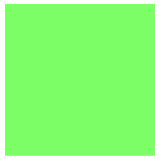
Protanopia
FBE25D

Deuteranopia
FFDCAF

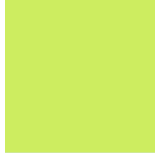


Tritanopia
A5EEFF

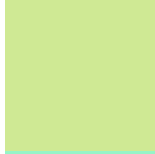
Trichromacy



Original Color
7CFF66



Protanomaly
CDED60

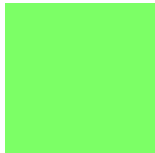


Deuteranomaly
CFE994

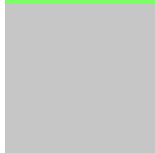


Tritanomaly
96F4C7

Monochromacy



Original Color
7CFF66



Achromatopsia
C6C6C6



Achromatomaly
ABDBA3

CSS Examples

Text

The CSS property to change the color of the text to Hex 7CFF66 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 #7CFF66 looks like.

```
.text, #text, p{  
    color:#7CFF66  
}
```

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 #7CFF66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CFF66
}
```

Border

The CSS property to change the border of an element to Hex 7CFF66 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
#7CFF66 }
```

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

```
.border{ border-color:#7CFF66 }
```

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

Here you see how a box with a 4 pixel #7CFF66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CFF66; -webkit-box-shadow:4px 4px  
4px 4px #7CFF66; box-shadow:4px 4px 4px  
4px #7CFF66 }
```

Background

The CSS property to change the background color of an element to Hex 7CFF66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CFF66 }
```

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

```
.background{ background-color:#7CFF66 }
```

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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