

Converting Colors

Hex(66FB66)

Have a look what the booklet for
Hex(66FB66) contains.

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Color

Hex(66FB66)

Conversions

Conversions Part 1

Format	Color
Hex	66FB66
RGB	102, 251, 102
RGB Percent	40%, 98%, 40%
CMY	0.6000, 0.0157, 0.6000
CMYK	0.59, 0.00, 0.59, 0.02
HSL	120°, 95%, 69%
HSV	120°, 59%, 98%
XYZ	42.3749, 72.7785, 24.3846
YIQ	189.4630, -40.9750, -77.9270

Conversions

Conversions Part 2

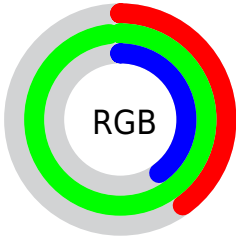
Format	Color
RYB	102, 251, 251
Decimal	6749030
CIELab	88.34, -67.78, 58.44
CIELCh	88, 89.500, 139.230
Yxy	72.7785, 0.3037, 0.5216
Android (android.graphics.Color)	4284939110 (0xFF66FB66)
YUV	189.4630, -43.1193, -76.7051
Hunter-Lab	85.3103, -60.6293, 42.7701

Details

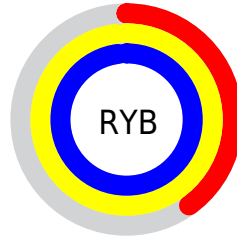
The Hex color **66FB66** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **FB66FB**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **A5FF9D**, and **07C12E** is the 20% darker color. If you saturate the color by 10%, you get **4DFB4D**, and if you desaturate by 10%, it is **7FFB7F**.

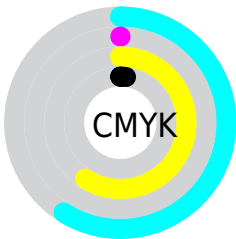
Distribution



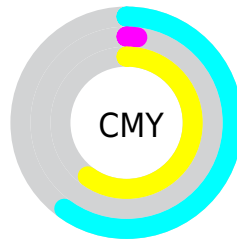
- Red (40%)
- Green (98%)
- Blue (40%)



- Red (40%)
- Yellow (98%)
- Blue (98%)



- Cyan (59%)
- Magenta (0%)
- Yellow (59%)
- Black (2%)



- Cyan (60%)
- Magenta (2%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66FB66 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 66FB66 by changing the saturation by 10% instead.

 66FB66

 66FB66

FFFFFF

 42DE4B

 A5FF9D

 07C12E

 C4FFB9

 00A506

 E3FFD6

 008A00

 FFFFF3

 006F00

 005500

 003D00

 002400

 000000

 66FB66

 66FB66

 4DFB4D

 7FFB7F

 34FB34

 98FB98

 1BFB1B

 B1FBB1

 02FB02

 CAFBCA

 00FB00

 E4FBE4

 FDFBFD

 FFFBFF

Harmonies

Analogous

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



D3EA16



66FB66



00FFBB

Triad

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



66FB66



00FFFF



FF8CAB

Complementary

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



66FB66



FB66FB

Split Complementary

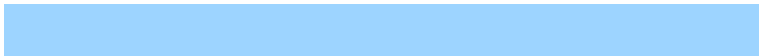
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF8CFF



66FB66



9DD4FF

Square

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



66FB66



00FFFF



FFADFF



FFAB5D

Rectangle

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



66FB66



00FFF7



FFADFF



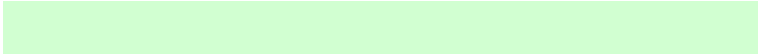
FF87C7

Sweetspot

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



66FB66



D1FFD1



FBFB66



638063



000000



808080

Same Dimension

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



66FB66



4AFF4A



66FBB1



707D70



00BD00



003D00

Inverse Universe

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



FB66FB



FF4AFF



FB66B1



7D707D



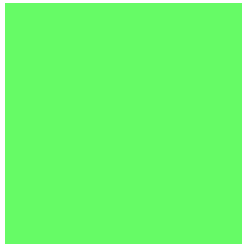
BD00BD



3D003D

Previews

White Background



This preview shows how the Hex color 66FB66 looks on a white background.

Color Contrast Check

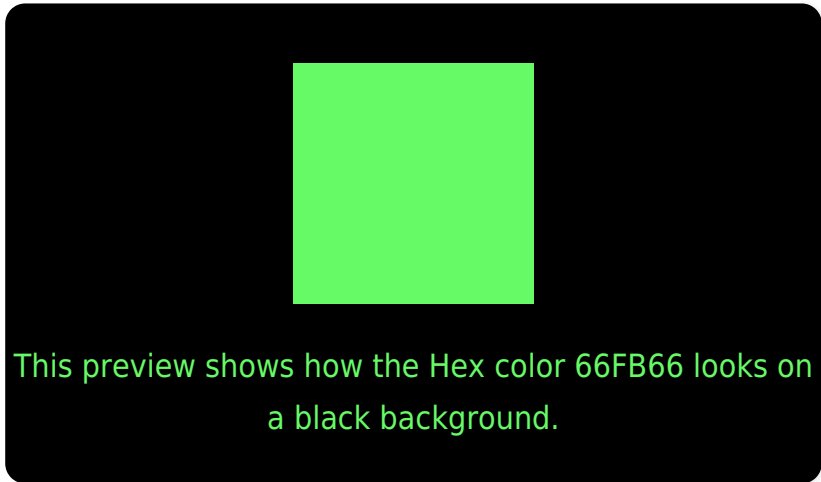
Large Text (above 18pt) WCAG AA × Fail

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

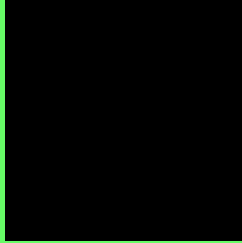
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

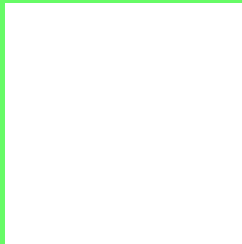
Any Text WCAG AAA ✓ Pass

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

Hex 66FB66 Background



This preview shows how black text looks on a background with the Hex color 66FB66.

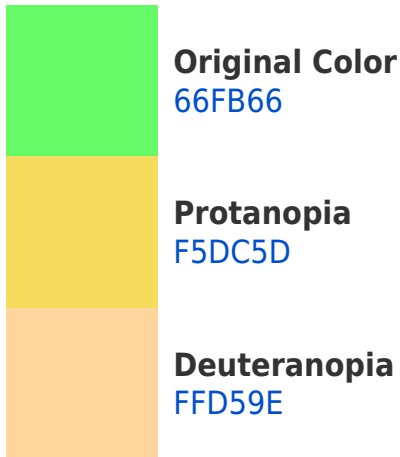


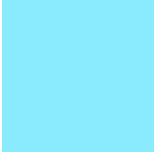
This preview shows how white text looks on a background with the Hex color 66FB66.

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



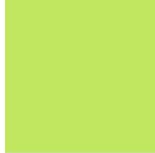


Tritanopia
8AEBFE

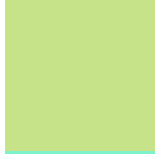
Trichromacy



Original Color
66FB66



Protanomaly
C1E760

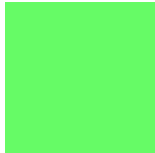


Deuteranomaly
C7E38A



Tritanomaly
7DF1C7

Monochromacy



Original Color
66FB66



Achromatopsia
BDBDBD



Achromatomaly
9DD49D

CSS Examples

Text

The CSS property to change the color of the text to Hex 66FB66 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 #66FB66 looks like.

```
.text, #text, p{  
    color:#66FB66  
}
```

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 #66FB66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66FB66
}
```

Border

The CSS property to change the border of an element to Hex 66FB66 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
#66FB66 }
```

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

```
.border{ border-color:#66FB66 }
```

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

Here you see how a box with a 4 pixel #66FB66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66FB66; -webkit-box-shadow:4px 4px  
4px 4px #66FB66; box-shadow:4px 4px 4px  
4px #66FB66 }
```

Background

The CSS property to change the background color of an element to Hex 66FB66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66FB66 }
```

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

```
.background{ background-color:#66FB66 }
```

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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