

Converting Colors

Hex(66FF71)

Have a look what the booklet for
Hex(66FF71) contains.

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Color

Hex(66FF71)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 66FF71 |
| RGB | 102, 255, 113 |
| RGB Percent | 40%, 100%, 44% |
| CMY | 0.6000, 0.0000, 0.5569 |
| CMYK | 0.60, 0.00, 0.56, 0.00 |
| HSL | 124°, 100%, 70% |
| HSV | 124°, 60%, 100% |
| XYZ | 44.2201, 75.5370, 27.8723 |
| YIQ | 193.0650, -45.6060, -76.5980 |

Conversions

Conversions Part 2

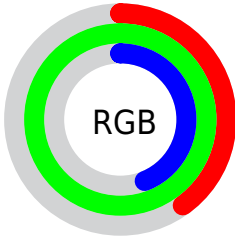
| Format | Color |
|-------------------------------------|--|
| RYB | 102, 245, 255 |
| Decimal | 6750065 |
| CIELab | 89.64, -67.93, 55.16 |
| CIElCh | 90, 87.501, 140.925 |
| Yxy | 75.5370, 0.2995, 0.5117 |
| Android (android.graphics.Color) | 4284940145 (0xFF66FF71) |
| YUV | 193.0650, -39.4720, -79.8640 |
| Hunter-Lab | 86.9120, -61.2768, 41.8244 |

Details

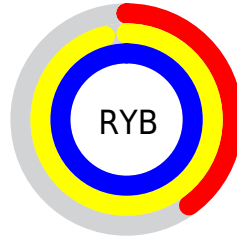
The Hex color **66FF71** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **FF66F4**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **A6FFA8**, and **04C53B** is the 20% darker color. If you saturate the color by 10%, you get **4DFF59**, and if you desaturate by 10%, it is **80FF89**.

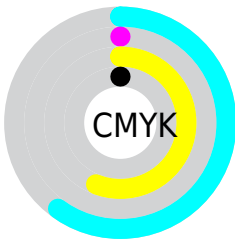
Distribution



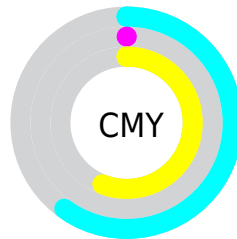
- Red (40%)
- Green (100%)
- Blue (44%)



- Red (40%)
- Yellow (96%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (56%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66FF71 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 66FF71 by changing the saturation by 10% instead.

 66FF71

FFFFFF

 A6FFA8

 C4FFC4

 E3FFE1

FFFFFFE

 66FF71

 42E256

 04C53B

 00A91D

 008D00

 007300

 005800

 003F00

 002700

 000000


 66FF71

 66FF71

 4DFF59

 80FF89

 33FF42

 99FFA0

 19FF2A

 B3FFB8

 00FF12

 CCFFD0

 E6FFE7

FFFFFF

Harmonies

Analogous

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



D3EF2B



66FF71



00FFC4

Triad

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



66FF71



00F2FF



FF94AB

Complementary

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



66FF71



FF66F4

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.



FF92FF



66FF71



AFD6FF

Square

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



66FF71



00FFFF



FFB0FF



FFB260

Rectangle

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



66FF71



00FFFF



FFB0FF



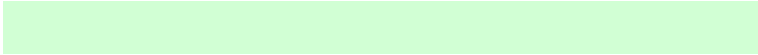
FF8FC6

Sweetspot

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



66FF71



D1FFD4



F5FF66



638065



000000



808080

Same Dimension

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



66FF71



47FF55



66FFBD



738074



00BF0E



004005

Inverse Universe

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



FF66F4



FF47F2



FF66A8



80737F



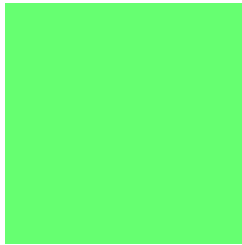
BF00B2



40003B

Previews

White Background



This preview shows how the Hex color 66FF71 looks on a white background.

Color Contrast Check

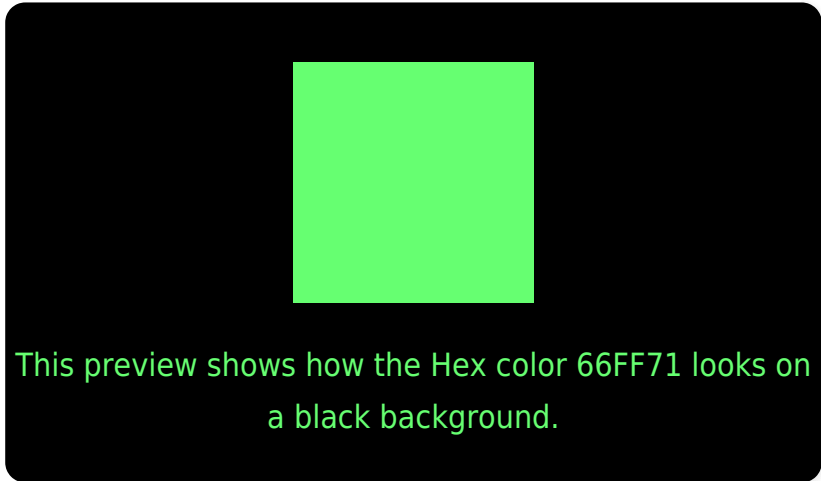
Large Text (above 18pt) WCAG AA × Fail

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

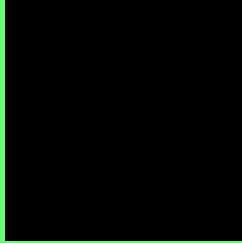
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

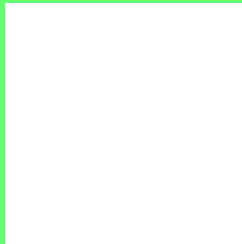
Any Text WCAG AAA ✓ Pass

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

Hex 66FF71 Background



This preview shows how black text looks on a background with the Hex color 66FF71.

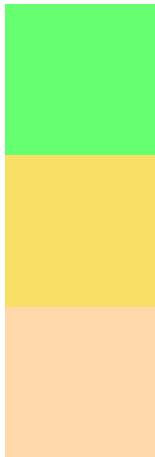


This preview shows how white text looks on a background with the Hex color 66FF71.

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](#).

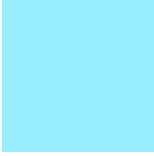
Dichromacy



Original Color
66FF71

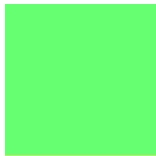
Protanopia
F8E067

Deuteranopia
FFD9AB

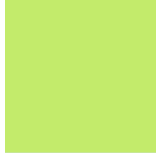


Tritanopia
98EEFF

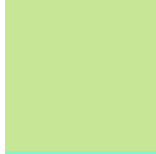
Trichromacy



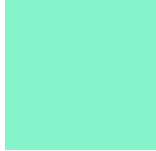
Original Color
66FF71



Protanomaly
C3EB6B

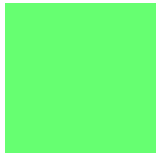


Deuteranomaly
C7E796

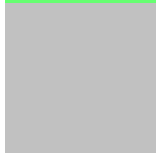


Tritanomaly
86F4CB

Monochromacy



Original Color
66FF71



Achromatopsia
C1C1C1



Achromatomaly
A0D8A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 66FF71 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 #66FF71 looks like.

```
.text, #text, p{  
    color:#66FF71  
}
```

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 #66FF71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66FF71
}
```

Border

The CSS property to change the border of an element to Hex 66FF71 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
#66FF71 }
```

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

```
.border{ border-color:#66FF71 }
```

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

Here you see how a box with a 4 pixel #66FF71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66FF71; -webkit-box-shadow:4px 4px  
4px 4px #66FF71; box-shadow:4px 4px 4px  
4px #66FF71 }
```

Background

The CSS property to change the background color of an element to Hex 66FF71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66FF71 }
```

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

```
.background{ background-color:#66FF71 }
```

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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