

Converting Colors

Hex(71FF71)

Have a look what the booklet for
Hex(71FF71) contains.

| | |
|--|----|
| Hex(71FF71) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(71FF71)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 71FF71 |
| RGB | 113, 255, 113 |
| RGB Percent | 44%, 100%, 44% |
| CMY | 0.5569, 0.0000, 0.5569 |
| CMYK | 0.56, 0.00, 0.56, 0.00 |
| HSL | 120°, 100%, 72% |
| HSV | 120°, 56%, 100% |
| XYZ | 45.5507, 76.2230, 27.9345 |
| YIQ | 196.3540, -39.0500, -74.2660 |

Conversions

Conversions Part 2

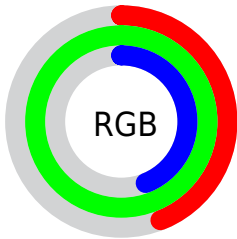
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 113, 255, 255 |
| Decimal | 7470961 |
| CIELab | 89.96, -65.45, 55.61 |
| CIELCh | 90, 85.889, 139.649 |
| Yxy | 76.2230, 0.3043, 0.5091 |
| Android (android.graphics.Color) | 4285661041 (0xFF71FF71) |
| YUV | 196.3540, -41.0935, -73.1015 |
| Hunter-Lab | 87.3058, -59.6550, 42.1435 |

Details

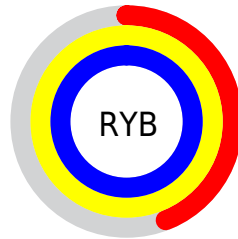
The Hex color **71FF71** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **FF71FF**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **AFFFA8**, and **27C53B** is the 20% darker color. If you saturate the color by 10%, you get **58FF58**, and if you desaturate by 10%, it is **8BFF8B**.

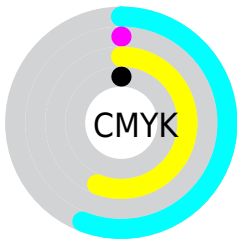
Distribution



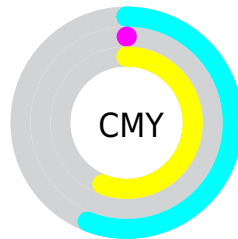
- Red (44%)
- Green (100%)
- Blue (44%)



- Red (44%)
- Yellow (100%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 71FF71 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 71FF71 by changing the saturation by 10% instead.

 71FF71

 71FF71

FFFFFF

 50E256

 AFFFA8

 27C53B

 CDFFC4

 00A91C

 ECFFE1

 008E00

FFFFFFE

 007300

 005900

 004000

 002800

 000000

 71FF71

 71FF71

 58FF58

 8BFF8B

 3EFF3E

 A4FFA4

 24FF24

 BEFFBE

 0BFF0B

 D7FFD7

 00FF00

 F1FFF1

FFFFFF

Harmonies

Analogous

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



D8EE30



71FF71



00FFC2

Triad

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



71FF71



00F4FF



FF96B0

Complementary

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



71FF71



FF71FF

Split Complementary

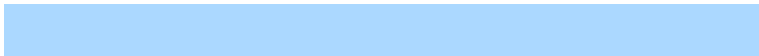
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF96FF



71FF71



ABD8FF

Square

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



71FF71



00FFFF



FFB4FF



FFB366

Rectangle

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



71FF71



00FFFB



FFB4FF



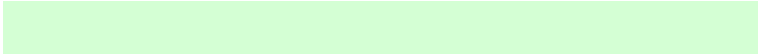
FF92CB

Sweetspot

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



71FF71



D4FFD4



FFFF71



668066



000000



808080

Same Dimension

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



71FF71



54FF54



71FFB8



738073



00BF00



004000

Inverse Universe

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



FF71FF



FF54FF



FF71B8



807380



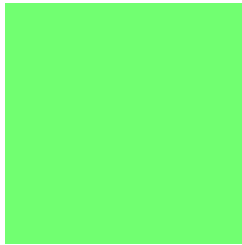
BF00BF



400040

Previews

White Background



This preview shows how the Hex color 71FF71 looks on a white background.

Color Contrast Check

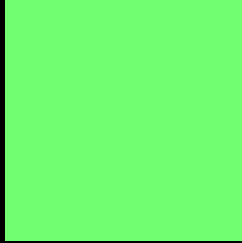
Large Text (above 18pt) WCAG AA × Fail

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 71FF71 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

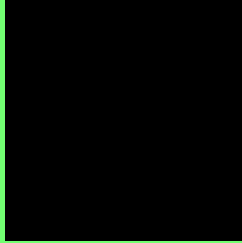
Any Text WCAG AA ✓ Pass

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 71FF71 Background



This preview shows how black text looks on a background with the Hex color 71FF71.

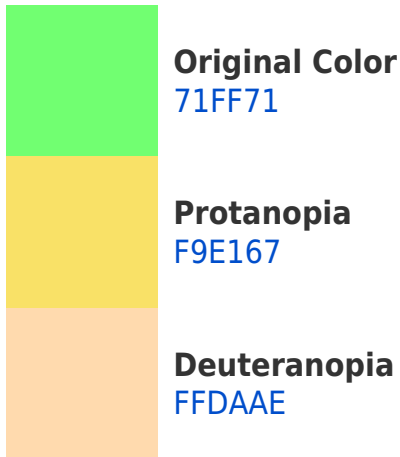


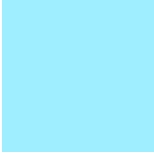
This preview shows how white text looks on a background with the Hex color 71FF71.

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](#).

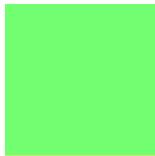
Dichromacy





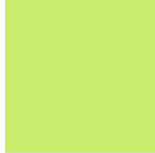
Tritanopia
9FEEFF

Trichromacy



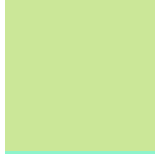
Original Color

71FF71



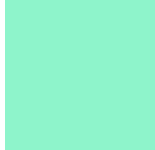
Protanomaly

C8EC6B



Deuteranomaly

CBE798



Tritanomaly

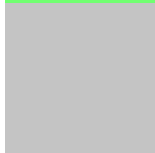
8EF4CB

Monochromacy



Original Color

71FF71



Achromatopsia

C4C4C4



Achromatomaly

A6D9A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 71FF71 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 #71FF71 looks like.

```
.text, #text, p{  
    color:#71FF71  
}
```

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 #71FF71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71FF71
}
```

Border

The CSS property to change the border of an element to Hex 71FF71 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
#71FF71 }
```

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

```
.border{ border-color:#71FF71 }
```

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

Here you see how a box with a 4 pixel #71FF71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71FF71; -webkit-box-shadow:4px 4px  
4px 4px #71FF71; box-shadow:4px 4px 4px  
4px #71FF71 }
```

Background

The CSS property to change the background color of an element to Hex 71FF71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71FF71 }
```

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

```
.background{ background-color:#71FF71 }
```

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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