

Converting Colors

Hex(78FF71)

Have a look what the booklet for
Hex(78FF71) contains.

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Color

Hex(78FF71)

Conversions

Conversions Part 1

Format	Color
Hex	78FF71
RGB	120, 255, 113
RGB Percent	47%, 100%, 44%
CMY	0.5294, 0.0000, 0.5569
CMYK	0.53, 0.00, 0.56, 0.00
HSL	117°, 100%, 72%
HSV	117°, 56%, 100%
XYZ	46.4864, 76.7053, 27.9783
YIQ	198.4470, -34.8780, -72.7820

Conversions

Conversions Part 2

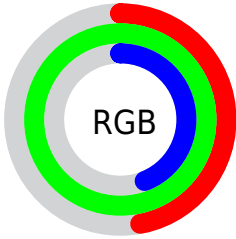
Format	Color
RYB	113, 255, 248
Decimal	7929713
CIELab	90.19, -63.76, 55.93
CIElCh	90, 84.810, 138.741
Yxy	76.7053, 0.3075, 0.5074
Android (android.graphics.Color)	4286119793 (0xFF78FF71)
YUV	198.4470, -42.1254, -68.7980
Hunter-Lab	87.5816, -58.5239, 42.3667

Details

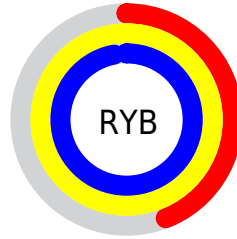
The Hex color **78FF71** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **F871FF**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **B5FFA8**, and **33C53B** is the 20% darker color. If you saturate the color by 10%, you get **60FF58**, and if you desaturate by 10%, it is **90FF8B**.

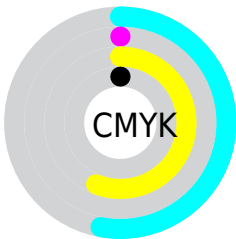
Distribution



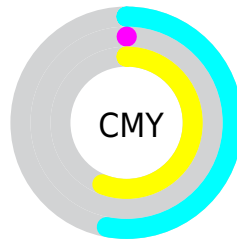
- Red (47%)
- Green (100%)
- Blue (44%)



- Red (44%)
- Yellow (100%)
- Blue (97%)



- Cyan (53%)
- Magenta (0%)
- Yellow (56%)
- Black (0%)



- Cyan (53%)
- Magenta (0%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78FF71 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 78FF71 by changing the saturation by 10% instead.

 78FF71

 78FF71

FFFFFF

 58E256

 B5FFA8

 33C53B

 D3FFC4

 00A91C

 F2FFE1

 008E00

FFFFFFE

 007300

 005900

 004000

 002800

 000100

 78FF71

 78FF71

 60FF58

 90FF8B

 48FF3E

 A8FFA4

 2FFF24

 C1FFBE

 17FF0B

 D9FFD7

 0DFF00

 F1FFF1

FFFFFF

Harmonies

Analogous

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



DCEE33



78FF71



00FFC0

Triad

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



78FF71



00F5FF



FF98B4

Complementary

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



78FF71



F871FF

Split Complementary

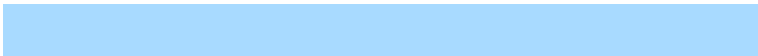
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF99FF



78FF71



A8DAFF

Square

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



78FF71



00FFFF



FFB7FF



FFB36A

Rectangle

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



78FF71



00FFF9



FFB7FF



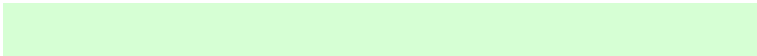
FF94CE

Sweetspot

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



78FF71



D6FFD4



FFF871



678066



000000



808080

Same Dimension

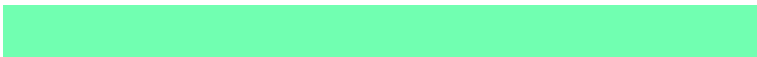
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78FF71



5DFF54



71FFB1



738073



09BF00



034000

Inverse Universe

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



F871FF



F754FF



FF71BF



7F7380



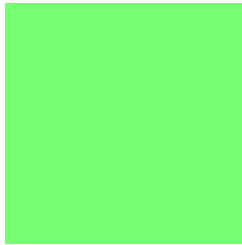
B600BF



3D0040

Previews

White Background



This preview shows how the Hex color 78FF71 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 78FF71 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

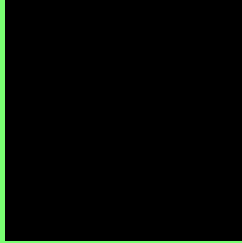
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

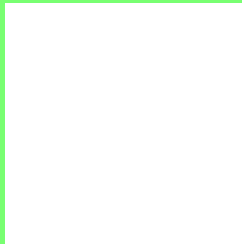
Any Text WCAG AAA ✓ Pass

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

Hex 78FF71 Background



This preview shows how black text looks on a background with the Hex color 78FF71.

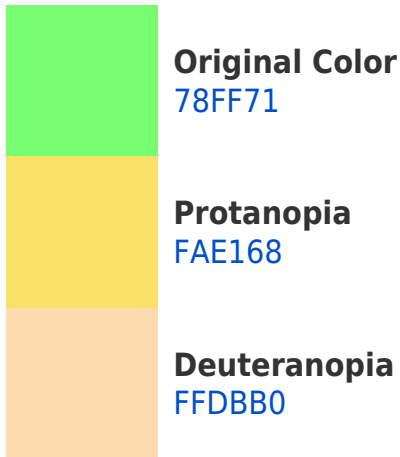


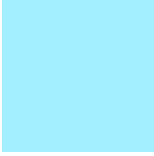
This preview shows how white text looks on a background with the Hex color 78FF71.

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



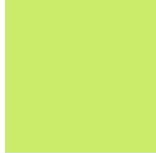


Tritanopia
A3EEFF

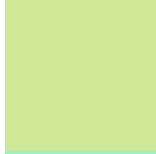
Trichromacy



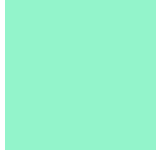
Original Color
78FF71



Protanomaly
CBEC6B

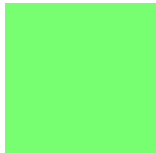


Deuteranomaly
CEE899

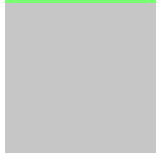


Tritanomaly
93F4CB

Monochromacy



Original Color
78FF71



Achromatopsia
C6C6C6



Achromatomaly
AADBA7

CSS Examples

Text

The CSS property to change the color of the text to Hex 78FF71 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 #78FF71 looks like.

```
.text, #text, p{  
    color:#78FF71  
}
```

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 #78FF71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78FF71
}
```

Border

The CSS property to change the border of an element to Hex 78FF71 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
#78FF71 }
```

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

```
.border{ border-color:#78FF71 }
```

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

Here you see how a box with a 4 pixel #78FF71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78FF71; -webkit-box-shadow:4px 4px  
4px 4px #78FF71; box-shadow:4px 4px 4px  
4px #78FF71 }
```

Background

The CSS property to change the background color of an element to Hex 78FF71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78FF71 }
```

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

```
.background{ background-color:#78FF71 }
```

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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