

Converting Colors

Hex(78FF78)

Have a look what the booklet for
Hex(78FF78) contains.

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Color

Hex(78FF78)

Conversions

Conversions Part 1

Format	Color
Hex	78FF78
RGB	120, 255, 120
RGB Percent	47%, 100%, 47%
CMY	0.5294, 0.0000, 0.5294
CMYK	0.53, 0.00, 0.53, 0.00
HSL	120°, 100%, 74%
HSV	120°, 53%, 100%
XYZ	46.8959, 76.8691, 30.1349
YIQ	199.2450, -37.1250, -70.6050

Conversions

Conversions Part 2

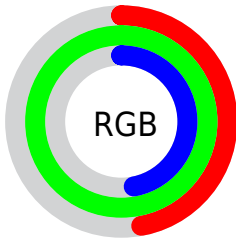
Format	Color
RYB	120, 255, 255
Decimal	7929720
CIELab	90.26, -62.93, 52.87
CIELCh	90, 82.191, 139.963
Yxy	76.8691, 0.3047, 0.4995
Android (android.graphics.Color)	4286119800 (0xFF78FF78)
YUV	199.2450, -39.0678, -69.4979
Hunter-Lab	87.6750, -57.9547, 40.9939

Details

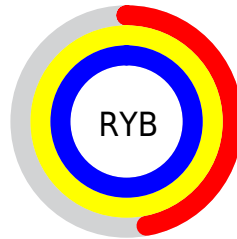
The Hex color **78FF78** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **FF78FF**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **B5FFAF**, and **34C542** is the 20% darker color. If you saturate the color by 10%, you get **5FFF5F**, and if you desaturate by 10%, it is **92FF92**.

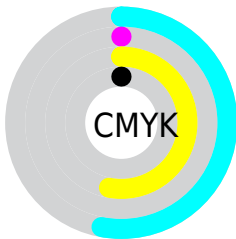
Distribution



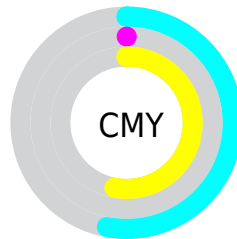
- Red (47%)
- Green (100%)
- Blue (47%)



- Red (47%)
- Yellow (100%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 78FF78 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 78FF78 by changing the saturation by 10% instead.

 78FF78

 78FF78

FFFFFF

 58E25D

 B5FFAF

 34C542

 D3FFCB

 00A927

 F2FFE8

 008E00

 007300

 005900

 004000

 002900

 000200

 78FF78

 78FF78

 5FFF5F

 92FF92

 45FF45

 ABFFAB

 2CFF2C

 C4FFC4

 12FF12

 DEFFDE

 00FF00

 F8FFF8

FFFFFF

Harmonies

Analogous

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



D9EF3E



78FF78



00FFC5

Triad

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



78FF78



00F4FF



FF9CB2

Complementary

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



78FF78



FF78FF

Split Complementary

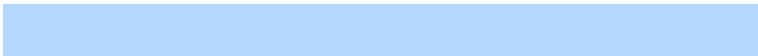
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF9CFF



78FF78



B3D9FF

Square

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



78FF78



00FFFF



FFB7FF



FFB66C

Rectangle

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



78FF78



00FFFC



FFB7FF



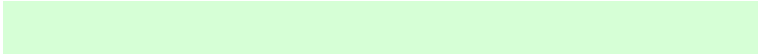
FF98CC

Sweetspot

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



78FF78



D6FFD6



FFFF78



678067



000000



808080

Same Dimension

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



78FF78



5CFF5C



78FFBC



738073



00BF00



004000

Inverse Universe

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



FF78FF



FF5CFF



FF78BC



807380



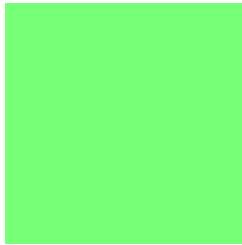
BF00BF



400040

Previews

White Background



This preview shows how the Hex color 78FF78 looks on a white background.

Color Contrast Check

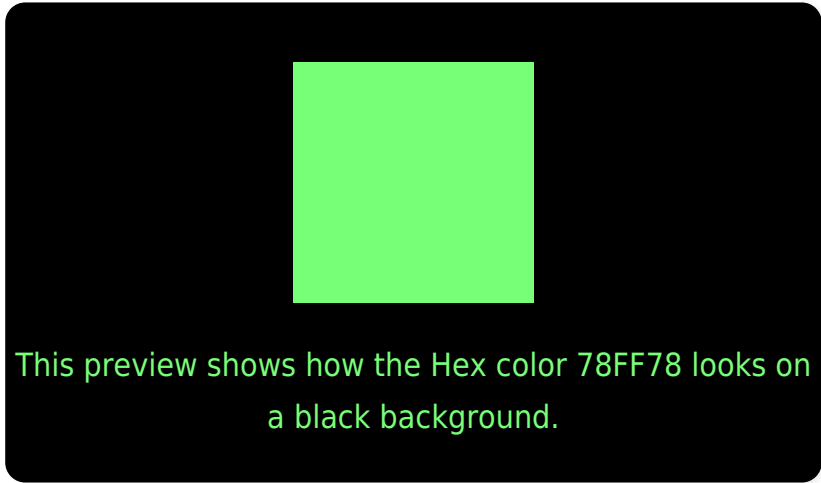
Large Text (above 18pt) WCAG AA × Fail

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

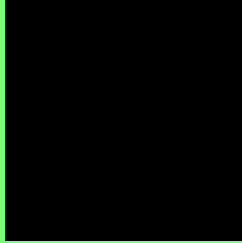
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

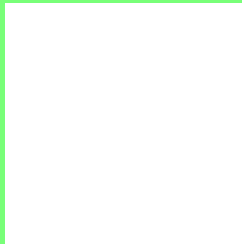
Any Text WCAG AAA ✓ Pass

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

Hex 78FF78 Background



This preview shows how black text looks on a background with the Hex color 78FF78.



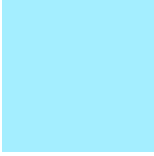
This preview shows how white text looks on a background with the Hex color 78FF78.

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](#).

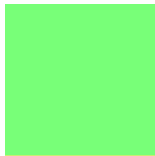
Dichromacy



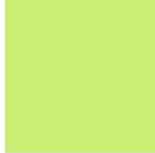


Tritanopia
A4EEFF

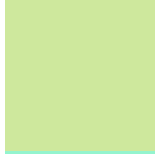
Trichromacy



Original Color
78FF78



Protanomaly
CAED72



Deuteranomaly
CEE89D

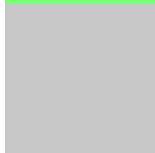


Tritanomaly
94F4CE

Monochromacy



Original Color
78FF78



Achromatopsia
C7C7C7



Achromatomaly
AADBAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 78FF78 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 #78FF78 looks like.

```
.text, #text, p{  
    color:#78FF78  
}
```

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 #78FF78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78FF78
}
```

Border

The CSS property to change the border of an element to Hex 78FF78 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
#78FF78 }
```

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

```
.border{ border-color:#78FF78 }
```

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

Here you see how a box with a 4 pixel #78FF78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78FF78; -webkit-box-shadow:4px 4px  
4px 4px #78FF78; box-shadow:4px 4px 4px  
4px #78FF78 }
```

Background

The CSS property to change the background color of an element to Hex 78FF78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78FF78 }
```

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

```
.background{ background-color:#78FF78 }
```

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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