

Converting Colors

Hex(5FFE78)

Have a look what the booklet for
Hex(5FFE78) contains.

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Color

Hex(5FFE78)

Conversions

Conversions Part 1

Format	Color
Hex	5FFE78
RGB	95, 254, 120
RGB Percent	37%, 100%, 47%
CMY	0.6275, 0.0039, 0.5294
CMYK	0.63, 0.00, 0.53, 0.00
HSL	129°, 99%, 68%
HSV	129°, 63%, 100%
XYZ	43.5513, 74.6726, 29.8872
YIQ	191.1830, -51.7500, -75.3820

Conversions

Conversions Part 2

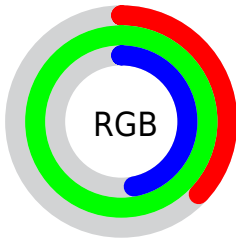
Format	Color
RYB	95, 232, 254
Decimal	6291064
CIELab	89.24, -68.15, 51.47
CIELCh	89, 85.400, 142.938
Yxy	74.6726, 0.2940, 0.5042
Android (android.graphics.Color)	4284481144 (0xFF5FFE78)
YUV	191.1830, -35.0932, -84.3525
Hunter-Lab	86.4133, -61.2614, 39.9831

Details

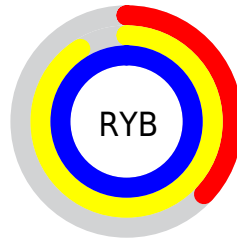
The Hex color **5FFE78** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted spring green. A complement of this color would be **FE5FE5**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **A0FFAF**, and **00C443** is the 20% darker color. If you saturate the color by 10%, you get **46FE63**, and if you desaturate by 10%, it is **78FE8D**.

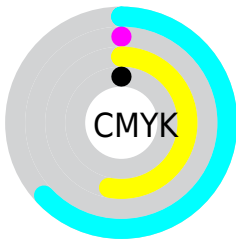
Distribution



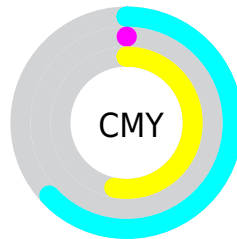
- Red (37%)
- Green (100%)
- Blue (47%)



- Red (37%)
- Yellow (91%)
- Blue (100%)



- Cyan (63%)
- Magenta (0%)
- Yellow (53%)
- Black (0%)



- Cyan (63%)
- Magenta (0%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FFE78 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 5FFE78 by changing the saturation by 10% instead.

 5FFE78

 5FFE78

FFFFFF

 39E15D

 A0FFAF

 00C443

 BFFFEB

 00A827

 DEFFE8

 008C02

FDFEFF

 007200

 005700

 003F00

 002600

 000000

 5FFE78

 5FFE78

 46FE63

 78FE8D

 2CFE4D

 92FEA3

 13FE38

 ABFEB8

 00FE28

 C5FECE

 DEFEE3

 F7FEF8

FFFEFF

Harmonies

Analogous

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



CDEF35



5FFE78



00FFCA

Triad

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



5FFE78



00EFFF



FF97A6

Complementary

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



5FFE78



FE5FE5

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.



FF93F7



5FFE78



BCD3FF

Square

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



5FFE78



00FFFF



FFAEFF



FFB55E

Rectangle

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



5FFE78



00FFFF



FFAEFF



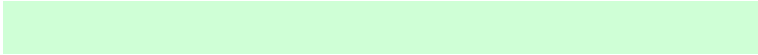
FF91C0

Sweetspot

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



5FFE78



CFFFD6



E6FE5F



628067



000000



808080

Same Dimension

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



5FFE78



40FF5E



5FFEC6



738075



00BF1E



00400A

Inverse Universe

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



FE5FE5



FF40E1



FE5F97



80737D



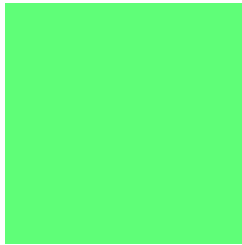
BF00A1



400036

Previews

White Background



This preview shows how the Hex color 5FFE78 looks on a white background.

Color Contrast Check

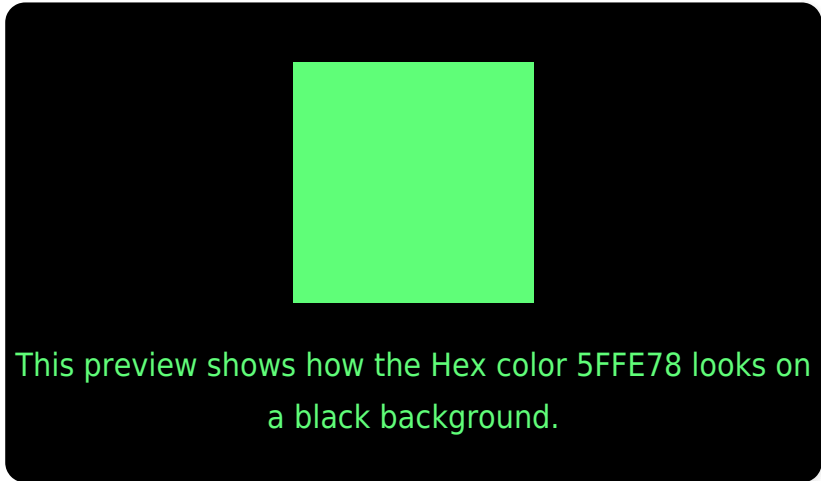
Large Text (above 18pt) WCAG AA × Fail

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

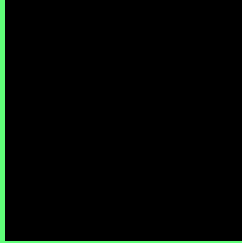
Any Text WCAG AA ✓ Pass

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 5FFE78 Background



This preview shows how black text looks on a background with the Hex color 5FFE78.

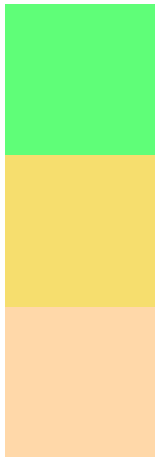


This preview shows how white text looks on a background with the Hex color 5FFE78.

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](#).

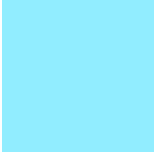
Dichromacy



Original Color
5FFE78

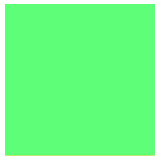
Protanopia
F6DE6E

Deuteranopia
FFD8A9

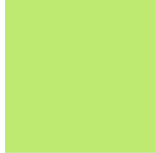


Tritanopia
91EDFF

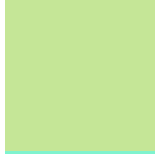
Trichromacy



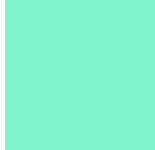
Original Color
5FFE78



Protanomaly
BFEA72



Deuteranomaly
C5E697

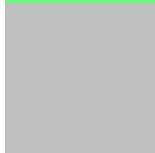


Tritanomaly
7FF3CE

Monochromacy



Original Color
5FFE78



Achromatopsia
BFBFBF



Achromatomaly
9CD6A5

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FFE78 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 #5FFE78 looks like.

```
.text, #text, p{  
    color:#5FFE78  
}
```

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 #5FFE78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FFE78
}
```

Border

The CSS property to change the border of an element to Hex 5FFE78 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
#5FFE78 }
```

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

```
.border{ border-color:#5FFE78 }
```

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

Here you see how a box with a 4 pixel #5FFE78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FFE78; -webkit-box-shadow:4px 4px  
4px 4px #5FFE78; box-shadow:4px 4px 4px  
4px #5FFE78 }
```

Background

The CSS property to change the background color of an element to Hex 5FFE78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FFE78 }
```

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

```
.background{ background-color:#5FFE78 }
```

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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