

Converting Colors

Hex(6FEE7C)

Have a look what the booklet for
Hex(6FEE7C) contains.

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Color

Hex(6FEE7C)

Conversions

Conversions Part 1

Format	Color
Hex	6FEE7C
RGB	111, 238, 124
RGB Percent	44%, 93%, 49%
CMY	0.5647, 0.0667, 0.5137
CMYK	0.53, 0.00, 0.48, 0.07
HSL	126°, 79%, 68%
HSV	126°, 53%, 93%
XYZ	40.7682, 65.9838, 29.6562
YIQ	187.0310, -39.0980, -62.3780

Conversions

Conversions Part 2

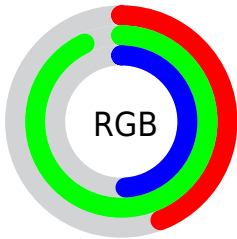
Format	Color
RYB	111, 226, 238
Decimal	7335548
CIELab	84.99, -58.22, 44.47
CIELCh	85, 73.260, 142.622
Yxy	65.9838, 0.2989, 0.4837
Android (android.graphics.Color)	4285525628 (0xFF6FEE7C)
YUV	187.0310, -31.0743, -66.6792
Hunter-Lab	81.2304, -52.5671, 35.2152

Details

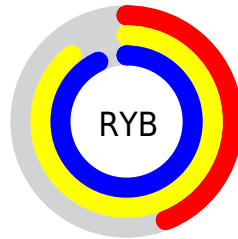
The Hex color **6FEE7C** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **EE6FE1**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **ABFFB2**, and **2CB548** is the 20% darker color. If you saturate the color by 10%, you get **57EE67**, and if you desaturate by 10%, it is **87EE91**.

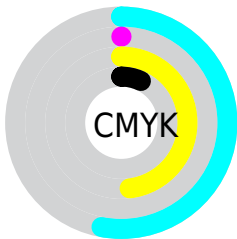
Distribution



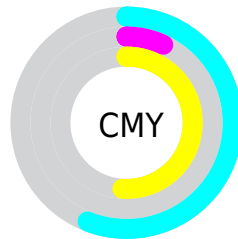
- Red (44%)
- Green (93%)
- Blue (49%)



- Red (44%)
- Yellow (89%)
- Blue (93%)



- Cyan (53%)
- Magenta (0%)
- Yellow (48%)
- Black (7%)



- Cyan (56%)
- Magenta (7%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FEE7C 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 6FEE7C by changing the saturation by 10% instead.

 6FEE7C

 6FEE7C

FFFFFF

 50D162

 ABFFB2

 2CB548

 C9FFCE

 00992E

 E7FFEB

 007F12

 006400

 004B00

 003400

 001A00

 000000

 6FEE7C

 6FEE7C

 57EE67

 87EE91

 3FEE51

 9FEEA7

 28EE3C

 B6EEBC

 10EE27

 CEEED1

 00EE18

 E6EEE7

 FEEEF0

 FFEFFF

Harmonies

Analogous

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



C6E04A



6FEE7C



00F5C0

Triad

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



6FEE7C



00E1FF



FF99A3

Complementary

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



6FEE7C



EE6FE1

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.



FF96E8



6FEE7C



B8C9FF

Square

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



6FEE7C



00FOFF



FFACFF



FFB067

Rectangle

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



6FEE7C



00F6F0



FFACFF



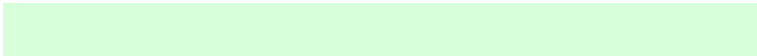
FF95BA

Sweetspot

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



6FEE7C



D6FFDA



E1EE6F



67806A



000000



808080

Same Dimension

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



6FEE7C



5CFF6D



6FEEBB



6C786D



00B813



003806

Inverse Universe

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



EE6FE1



FF5CEE



EE6FA2



786C77



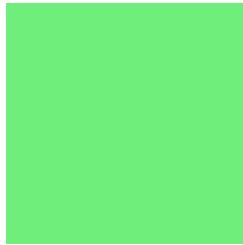
B800A5



380032

Previews

White Background



This preview shows how the Hex color 6FEE7C 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 6FEE7C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

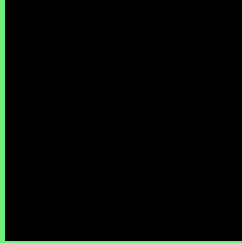
Any Text WCAG AA ✓ Pass

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 6FEE7C Background



This preview shows how black text looks on a background with the Hex color 6FEE7C.

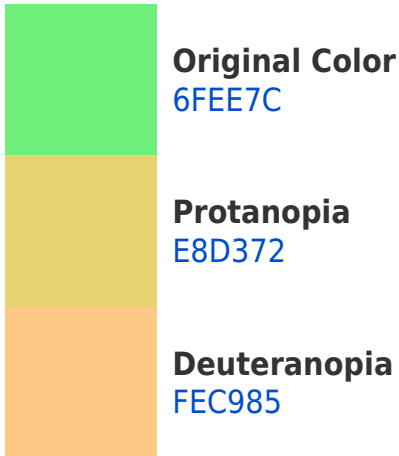


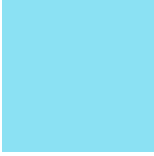
This preview shows how white text looks on a background with the Hex color 6FEE7C.

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



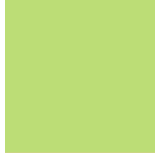


Tritanopia
8BE1F3

Trichromacy



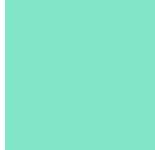
Original Color
6FEE7C



Protanomaly
BCDD76



Deuteranomaly
CAD682

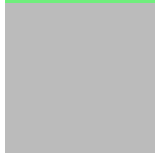


Tritanomaly
81E6C8

Monochromacy



Original Color
6FEE7C



Achromatopsia
BBBBBB



Achromatomaly
9FCEA4

CSS Examples

Text

The CSS property to change the color of the text to Hex 6FEE7C 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 #6FEE7C looks like.

```
.text, #text, p{  
    color:#6FEE7C  
}
```

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 #6FEE7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FEE7C
}
```

Border

The CSS property to change the border of an element to Hex 6FEE7C 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
#6FEE7C }
```

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

```
.border{ border-color:#6FEE7C }
```

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

Here you see how a box with a 4 pixel #6FEE7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FEE7C; -webkit-box-shadow:4px 4px  
4px 4px #6FEE7C; box-shadow:4px 4px 4px  
4px #6FEE7C }
```

Background

The CSS property to change the background color of an element to Hex 6FEE7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FEE7C }
```

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

```
.background{ background-color:#6FEE7C }
```

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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