

Converting Colors

Hex(6FE7EC)

Have a look what the booklet for
Hex(6FE7EC) contains.

Hex(6FE7EC)	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(6FE7EC)

Conversions

Conversions Part 1

Format	Color
Hex	6FE7EC
RGB	111, 231, 236
RGB Percent	44%, 91%, 93%
CMY	0.5647, 0.0941, 0.0745
CMYK	0.53, 0.02, 0.00, 0.07
HSL	182°, 77%, 68%
HSV	182°, 53%, 93%
XYZ	50.2718, 66.5875, 89.5599
YIQ	195.6900, -73.1250, -23.8850

Conversions

Conversions Part 2

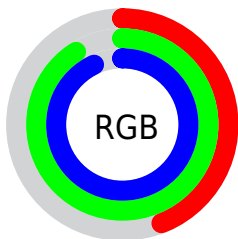
Format	Color
RYB	111, 172, 236
Decimal	7333868
CIELab	85.30, -32.26, -12.74
CIELCh	85, 34.686, 201.556
Yxy	66.5875, 0.2435, 0.3226
Android (android.graphics.Color)	4285523948 (0xFF6FE7EC)
YUV	195.6900, 19.8728, -74.2731
Hunter-Lab	81.6011, -32.8340, -7.9519

Details

The Hex color **6FE7EC** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EC746F**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **ACFFFF**, and **29AFB4** is the 20% darker color. If you saturate the color by 10%, you get **57E6EC**, and if you desaturate by 10%, it is **87E8EC**.

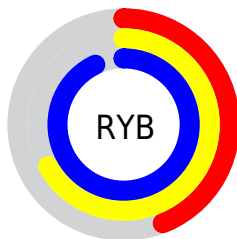
Distribution



Red (44%)

Green (91%)

Blue (93%)



Red (44%)

Yellow (67%)

Blue (93%)

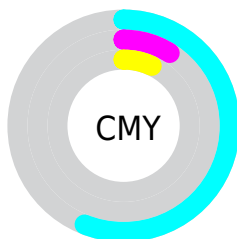


Cyan (53%)

Magenta (2%)

Yellow (0%)

Black (7%)



Cyan (56%)

Magenta (9%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FE7EC 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 6FE7EC by changing the saturation by 10% instead.

 6FE7EC

 6FE7EC

FFFFFF

 4FCBD0

 ACFFFF

 29AFB4

 CAFFFF

 009499

 E8FFFF

 007A80

 006166

 00484F

 003138

 001C22

 00000B

 6FE7EC

 6FE7EC

 57E6EC


 87E8EC

 40E5EC

 9EE9EC

 28E4EC

 B6EAEC

 11E3EC

 CDEBEC

 00E3EC

 E5ECEC

 FDEDEC

 FFEEEC

 FFEFEC

Harmonies

Analogous

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



89E7CA



6FE7EC



76E3FF

Triad

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



6FE7EC



F6C5FE



F5D094

Complementary

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



6FE7EC



EC746F

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.



FFC5A3



6FE7EC



FFBEE0

Square

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



6FE7EC



CDD0FF



FFBEBF



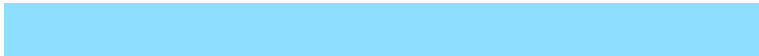
D4DA97

Rectangle

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



6FE7EC



8EDEFF



FFBEBF



FECC98

Sweetspot

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



6FE7EC



D6FDFD



6FEC73



677F80



000000



808080

Same Dimension

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



6FE7EC



5CF8FF



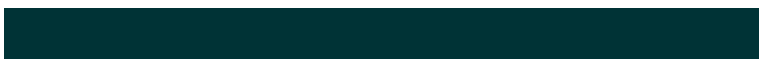
6FA9EC



6A7575



00AEB5



003336

Inverse Universe

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



EC6FE7



FF5CF8



ECB26F



756A75



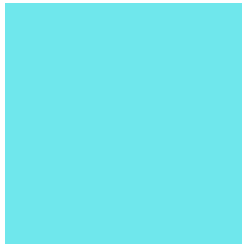
B500AE



360033

Previews

White Background



This preview shows how the Hex color 6FE7EC looks on a white background.

Color Contrast Check

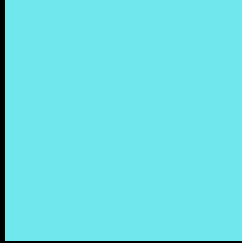
Large Text (above 18pt) WCAG AA × Fail

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 6FE7EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

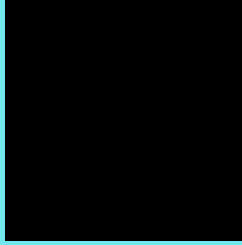
Any Text WCAG AA ✓ Pass

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 6FE7EC Background



This preview shows how black text looks on a background with the Hex color 6FE7EC.

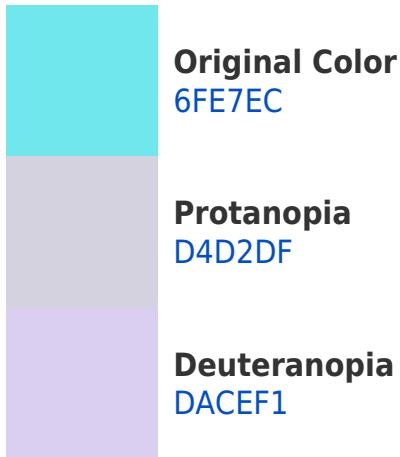


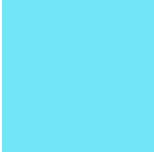
This preview shows how white text looks on a background with the Hex color 6FE7EC.

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
73E5F8

Trichromacy



Original Color
6FE7EC



Protanomaly
AFDAE4



Deuteranomaly
B3D7EF

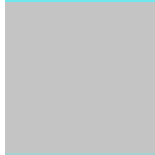


Tritanomaly
72E6F4

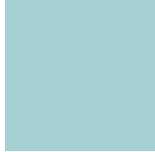
Monochromacy



Original Color
6FE7EC



Achromatopsia
C4C4C4



Achromatomaly
A5D1D3

CSS Examples

Text

The CSS property to change the color of the text to Hex 6FE7EC 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 #6FE7EC looks like.

```
.text, #text, p{  
    color:#6FE7EC  
}
```

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 #6FE7EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FE7EC
}
```

Border

The CSS property to change the border of an element to Hex 6FE7EC 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
#6FE7EC }
```

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

```
.border{ border-color:#6FE7EC }
```

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

Here you see how a box with a 4 pixel #6FE7EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FE7EC; -webkit-box-shadow:4px 4px  
4px 4px #6FE7EC; box-shadow:4px 4px 4px  
4px #6FE7EC }
```

Background

The CSS property to change the background color of an element to Hex 6FE7EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FE7EC }
```

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

```
.background{ background-color:#6FE7EC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor