

Converting Colors

Hex(6EF7D7)

Have a look what the booklet for
Hex(6EF7D7) contains.

Hex(6EF7D7)	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(6EF7D7)

Conversions

Conversions Part 1

Format	Color
Hex	6EF7D7
RGB	110, 247, 215
RGB Percent	43%, 97%, 84%
CMY	0.5686, 0.0314, 0.1569
CMYK	0.55, 0.00, 0.13, 0.03
HSL	166°, 90%, 70%
HSV	166°, 55%, 97%
XYZ	51.9569, 74.7428, 75.9784
YIQ	202.3890, -71.3800, -38.9960

Conversions

Conversions Part 2

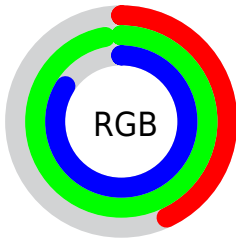
Format	Color
RYB	110, 188, 247
Decimal	7272407
CIELab	89.27, -44.93, 4.11
CIELCh	89, 45.122, 174.774
Yxy	74.7428, 0.2564, 0.3688
Android (android.graphics.Color)	4285462487 (0xFF6EF7D7)
YUV	202.3890, 6.2172, -81.0252
Hunter-Lab	86.4539, -44.0198, 8.4119

Details

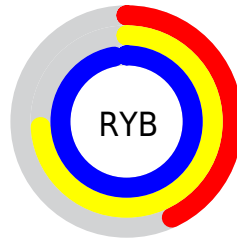
The Hex color **6EF7D7** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F76E8E**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **ABFFFF**, and **25BEA0** is the 20% darker color. If you saturate the color by 10%, you get **55F7D1**, and if you desaturate by 10%, it is **87F7DD**.

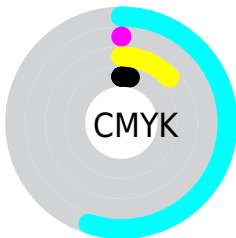
Distribution



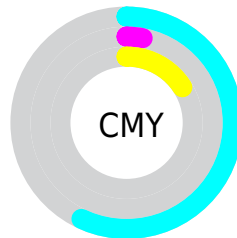
- Red (43%)
- Green (97%)
- Blue (84%)



- Red (43%)
- Yellow (74%)
- Blue (97%)



- Cyan (55%)
- Magenta (0%)
- Yellow (13%)
- Black (3%)



- Cyan (57%)
- Magenta (3%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EF7D7 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 6EF7D7 by changing the saturation by 10% instead.

 6EF7D7

FFFFFF

 ABFFFF

 C9FFFF

 E8FFFF

 6EF7D7

 4DDABB

 25BEA0

 00A286

 00876D

 006D55

 00543E

 003C28

 002613

 000000

 6EF7D7

 6EF7D7

 55F7D1

 87F7DD

 3DF7CB

 9FF7E3

 24F7C6

 B8F7E8

 0BF7C0

 D1F7EE

 00F7BD

 EAF7F4

 FFF7FA

 FFF7FF

Harmonies

Analogous

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



A6F2AD



6EF7D7



37F7FF

Triad

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



6EF7D7



DBD8FF



FFCC9B

Complementary

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



6EF7D7



F76E8E

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.



FFC1BE



6EF7D7



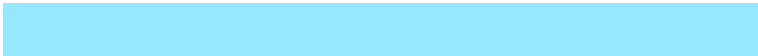
FFC9FF

Square

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



6EF7D7



96E7FF



FFC0EA



FFDB8A

Rectangle

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



6EF7D7



39F4FF



FFC0EA



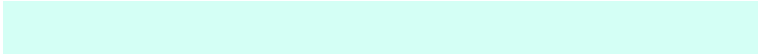
FFC8A6

Sweetspot

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



6EF7D7



D4FFF5



90F76E



66807A



000000



808080

Same Dimension

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



6EF7D7



54FFD7



6ED5F7



6E7A78



00BA8F



003B2D

Inverse Universe

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



F76E8E



FF547C



F7906E



7A6E71



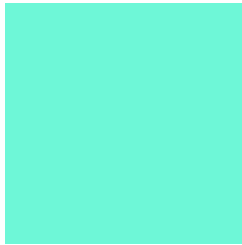
BA002B



3B000E

Previews

White Background



This preview shows how the Hex color 6EF7D7 looks on a white background.

Color Contrast Check

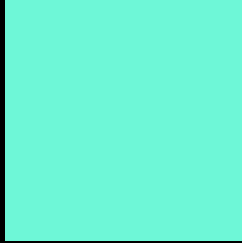
Large Text (above 18pt) WCAG AA × Fail

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 6EF7D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

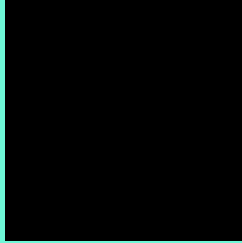
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

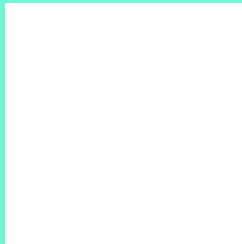
Any Text WCAG AAA ✓ Pass

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

Hex 6EF7D7 Background



This preview shows how black text looks on a background with the Hex color 6EF7D7.

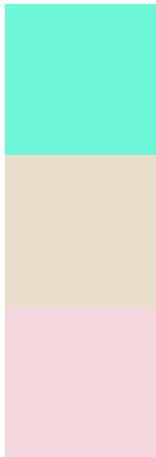


This preview shows how white text looks on a background with the Hex color 6EF7D7.

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](#).

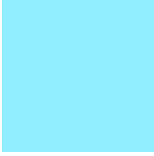
Dichromacy



Original Color
6EF7D7

Protanopia
E8DEC9

Deuteranopia
F4D8DE



Tritanopia
91EEFF

Trichromacy



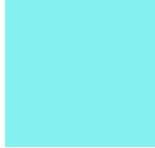
Original Color
6EF7D7



Protanomaly
BCE7CE



Deuteranomaly
C3E3DB

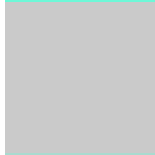


Tritanomaly
84F1F0

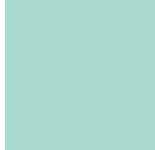
Monochromacy



Original Color
6EF7D7



Achromatopsia
CACACA



Achromatomaly
A9DACF

CSS Examples

Text

The CSS property to change the color of the text to Hex 6EF7D7 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 #6EF7D7 looks like.

```
.text, #text, p{  
    color:#6EF7D7  
}
```

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 #6EF7D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EF7D7  
}
```

Border

The CSS property to change the border of an element to Hex 6EF7D7 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  
#6EF7D7 }
```

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

```
.border{ border-color:#6EF7D7 }
```

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

Here you see how a box with a 4 pixel #6EF7D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EF7D7; -webkit-box-shadow:4px 4px  
4px 4px #6EF7D7; box-shadow:4px 4px 4px  
4px #6EF7D7 }
```

Background

The CSS property to change the background color of an element to Hex 6EF7D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EF7D7 }
```

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

```
.background{ background-color:#6EF7D7 }
```

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