

# Converting Colors

Hex(6FE3EC)

Have a look what the booklet for  
Hex(6FE3EC) contains.

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**Color**

**Hex(6FE3EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FE3EC
RGB	111, 227, 236
RGB Percent	44%, 89%, 93%
CMY	0.5647, 0.1098, 0.0745
CMYK	0.53, 0.04, 0.00, 0.07
HSL	184°, 77%, 68%
HSV	184°, 53%, 93%
XYZ	49.1650, 64.3738, 89.1910
YIQ	193.3420, -72.0250, -21.7930

# Conversions

## Conversions Part 2

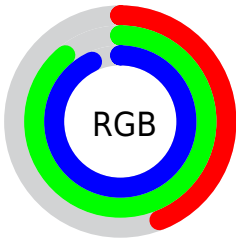
Format	Color
<a href="#">RYB</a>	<a href="#">111, 171, 236</a>
Decimal	<a href="#">7332844</a>
CIELab	<a href="#">84.16, -30.36, -14.44</a>
CIELCh	<a href="#">84, 33.617, 205.445</a>
Yxy	<a href="#">64.3738, 0.2425, 0.3175</a>
Android (android.graphics.Color)	<a href="#">4285522924</a> ( <a href="#">0xFF6FE3EC</a> )
YUV	<a href="#">193.3420, 21.0304, -72.2139</a>
Hunter-Lab	<a href="#">80.2333, -31.0279, -9.7462</a>

# Details

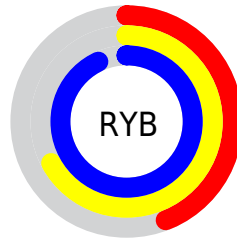
The Hex color **6FE3EC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **EC786F**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **ABFFFF**, and **2AABB4** is the 20% darker color. If you saturate the color by 10%, you get **57E1EC**, and if you desaturate by 10%, it is **87E5EC**.

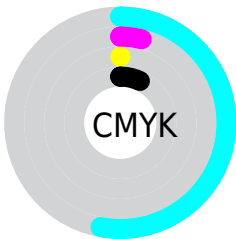
# Distribution



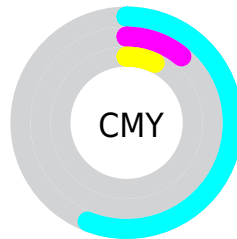
- Red (44%)
- Green (89%)
- Blue (93%)



- Red (44%)
- Yellow (67%)
- Blue (93%)



- Cyan (53%)
- Magenta (4%)
- Yellow (0%)
- Black (7%)



- Cyan (56%)
- Magenta (11%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FE3EC 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 6FE3EC by changing the saturation by 10% instead.



 6FE3EC

 6FE3EC

FFFFFF

 4FC7D0

 ABFFFF

 2AABB4

 C9FFFF

 009099

 E8FFFF

 00767F

 005D66

 00454E

 002E38

 001822

 00000B

 6FE3EC

 6FE3EC

 57E1EC

 87E5EC

 40E0EC

 9EE6EC

 28DEEC

 B6E8EC

 11DCEC

 CDEAEC

 00DBEC

 E5EBEC

 FDEDEC

 FFEFEC

 FFF1EC

 FFF2EC

# Harmonies

## Analogous

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



85E3CC



6FE3EC



7ADFFF

# Triad

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



6FE3EC



F6C1F6



EDCE93

# Complementary

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



6FE3EC



EC786F

# 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.



FFC49F



6FE3EC



FFBBD8

# Square

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



6FE3EC



D0CBFF



FFBCB8



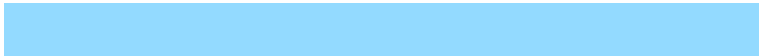
CCD898

# Rectangle

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



6FE3EC



93DAFF



FFBCB8



F6CB95

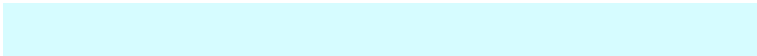


# Sweetspot

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



6FE3EC



D6FCFF



6FEC77



677E80



000000



808080



# Same Dimension

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



6FE3EC



5CF3FF



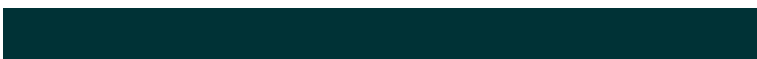
6FA5EC



6A7475



00A8B5



003236



# Inverse Universe

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



EC6FE3



FF5CF3



ECB66F



756A74



B500A8

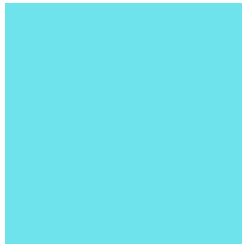


360032



# Previews

## White Background



This preview shows how the Hex color 6FE3EC looks on a white background.

## Color Contrast Check

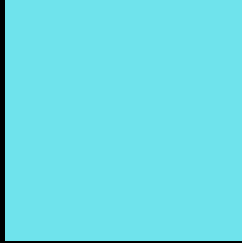
Large Text (above 18pt) WCAG AA × Fail

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 6FE3EC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

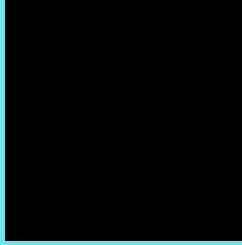
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6FE3EC Background



This preview shows how black text looks on a background with the Hex color 6FE3EC.



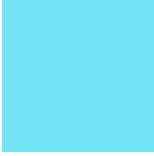
This preview shows how white text looks on a background with the Hex color 6FE3EC.

# 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](#).

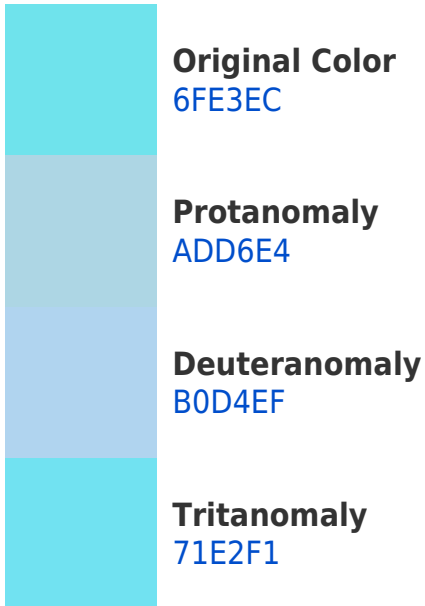
## Dichromacy



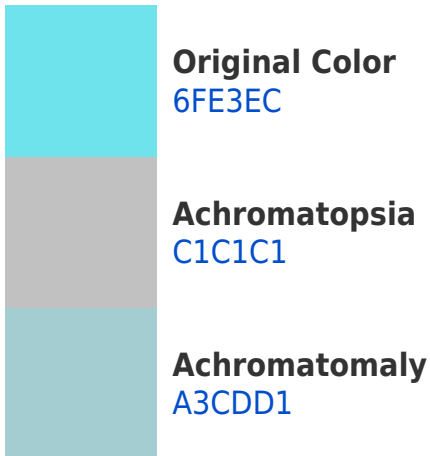


**Tritanopia**  
72E2F4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FE3EC 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 #6FE3EC looks like.

```
.text, #text, p{  
    color:#6FE3EC  
}
```

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 #6FE3EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FE3EC
}
```

## Border

The CSS property to change the border of an element to Hex 6FE3EC 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
#6FE3EC }
```

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

```
.border{ border-color:#6FE3EC }
```

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

Here you see how a box with a 4 pixel #6FE3EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FE3EC; -webkit-box-shadow:4px 4px  
4px 4px #6FE3EC; box-shadow:4px 4px 4px  
4px #6FE3EC }
```

# Background

The CSS property to change the background color of an element to Hex 6FE3EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FE3EC }
```

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

```
.background{ background-color:#6FE3EC }
```

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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