

# Converting Colors

Hex(6FE3F6)

Have a look what the booklet for  
Hex(6FE3F6) contains.

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**Color**

**Hex(6FE3F6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FE3F6
RGB	111, 227, 246
RGB Percent	44%, 89%, 96%
CMY	0.5647, 0.1098, 0.0353
CMYK	0.55, 0.08, 0.00, 0.04
HSL	188°, 88%, 70%
HSV	188°, 55%, 96%
XYZ	50.6592, 64.9715, 97.0595
YIQ	194.4820, -75.2350, -18.6830

# Conversions

## Conversions Part 2

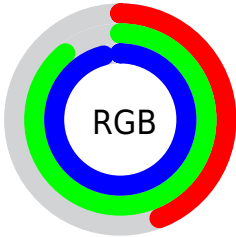
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 173, 246
Decimal	7332854
CIE <sub>Lab</sub>	84.47, -27.66, -19.26
CIE <sub>LCh</sub>	84, 33.707, 214.846
Yxy	64.9715, 0.2382, 0.3055
Android (android.graphics.Color)	4285522934 (0xFF6FE3F6)
YUV	194.4820, 25.3984, -73.2137
Hunter-Lab	80.6049, -28.8735, -14.9700

# Details

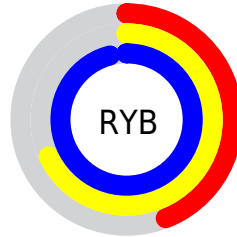
The Hex color **6FE3F6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **F6826F**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **ACFFFF**, and **27ABBE** is the 20% darker color. If you saturate the color by 10%, you get **56E0F6**, and if you desaturate by 10%, it is **88E6F6**.

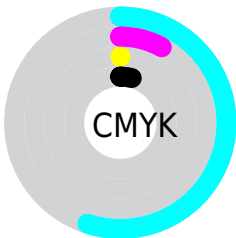
# Distribution



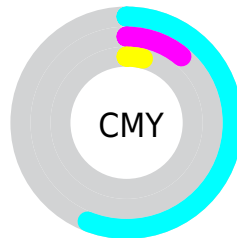
- Red (44%)
- Green (89%)
- Blue (96%)



- Red (44%)
- Yellow (68%)
- Blue (96%)



- Cyan (55%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)



- Cyan (56%)
- Magenta (11%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FE3F6 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 6FE3F6 by changing the saturation by 10% instead.



 6FE3F6

 6FE3F6

FFFFFF

 4FC7DA

 ACFFFF

 27ABBE

 CAFFFF

 0091A3

 E9FFFF

 007788

 005E6F

 004557

 002F3F

 001A29

 000114

 6FE3F6

 6FE3F6

 56E0F6

 88E6F6

 3EDCF6

 A0EAF6

 25D9F6

 B9EDF6

 0DD5F6

 D1F1F6

 00D3F6

 EAF4F6

 FFF8F6

 FFFBF6

 FFFFF6

# Harmonies

## Analogous

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



7CE5D7



6FE3F6



85DDFF

# Triad

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



6FE3F6



FFBFEE



E4D293

# Complementary

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



6FE3F6



F6826F

# 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.



FFC89A



6FE3F6



FFBBCF

# Square

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



6FE3F6



DEC9FF



FFBFB0



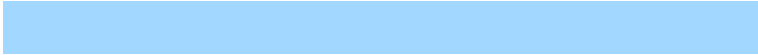
C2DC9E

# Rectangle

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



6FE3F6



A2D7FF



FFBFB0



EFCF94

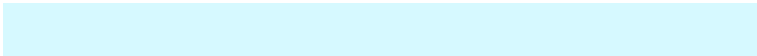


# Sweetspot

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



6FE3F6



D6F9FF



6FF681



677C80



000000



808080



# Same Dimension

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



6FE3F6



57E7FF



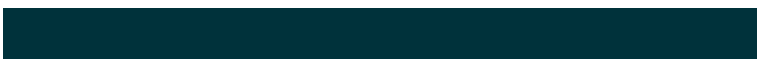
6FA1F6



6E797A



00A0BA



00323B



# Inverse Universe

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



F66FE3



FF57E7



F6C46F



7A6E79



BA00A0

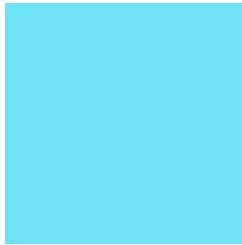


3B0032



# Previews

## White Background



This preview shows how the Hex color 6FE3F6 looks on a white background.

## Color Contrast Check

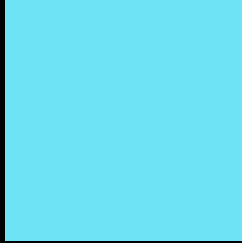
Large Text (above 18pt) WCAG AA × Fail

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 6FE3F6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

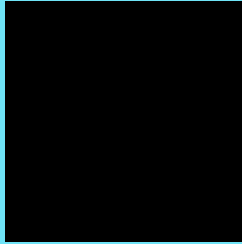
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6FE3F6 Background



This preview shows how black text looks on a background with the Hex color 6FE3F6.

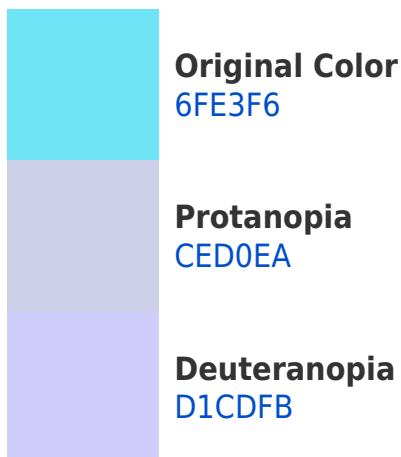


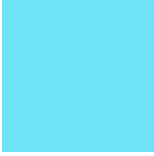
This preview shows how white text looks on a background with the Hex color 6FE3F6.

# 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](#).

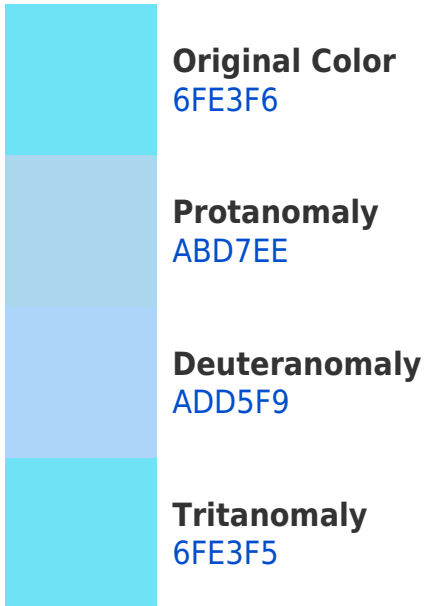
## Dichromacy



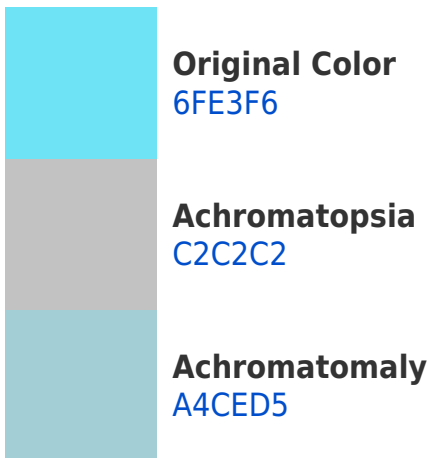


**Tritanopia**  
6FE3F5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FE3F6 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 #6FE3F6 looks like.

```
.text, #text, p{  
    color:#6FE3F6  
}
```

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 #6FE3F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FE3F6  
}
```

## Border

The CSS property to change the border of an element to Hex 6FE3F6 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  
#6FE3F6 }
```

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

```
.border{ border-color:#6FE3F6 }
```

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

Here you see how a box with a 4 pixel #6FE3F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FE3F6; -webkit-box-shadow:4px 4px  
4px 4px #6FE3F6; box-shadow:4px 4px 4px  
4px #6FE3F6 }
```

# Background

The CSS property to change the background color of an element to Hex 6FE3F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FE3F6 }
```

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

```
.background{ background-color:#6FE3F6 }
```

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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