

# Converting Colors

Hex(6FE1E0)

Have a look what the booklet for  
Hex(6FE1E0) contains.

<b>Hex(6FE1E0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(6FE1E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FE1E0
RGB	111, 225, 224
RGB Percent	44%, 88%, 88%
CMY	0.5647, 0.1176, 0.1216
CMYK	0.51, 0.00, 0.00, 0.12
HSL	179°, 66%, 66%
HSV	179°, 51%, 88%
XYZ	46.9353, 62.6118, 80.1325
YIQ	190.8000, -67.6230, -24.4790

# Conversions

## Conversions Part 2

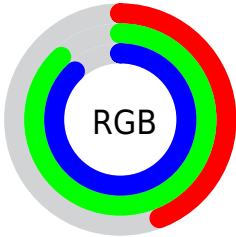
Format	Color
<a href="#">RYB</a>	<a href="#">111, 168, 225</a>
Decimal	<a href="#">7332320</a>
CIELab	<a href="#">83.24, -32.54, -9.47</a>
CIELCh	<a href="#">83, 33.893, 196.227</a>
Yxy	<a href="#">62.6118, 0.2474, 0.3301</a>
Android (android.graphics.Color)	<a href="#">4285522400</a> ( <a href="#">0xFF6FE1E0</a> )
YUV	<a href="#">190.8000, 16.3676, -69.9846</a>
Hunter-Lab	<a href="#">79.1276, -32.5943, -4.6537</a>

# Details

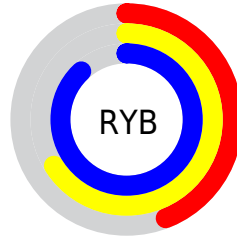
The Hex color **6FE1E0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E16F70**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **ABFFFF**, and **2CA9A9** is the 20% darker color. If you saturate the color by 10%, you get **59E1E0**, and if you desaturate by 10%, it is **86E1E0**.

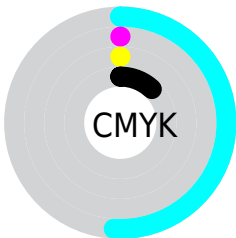
# Distribution



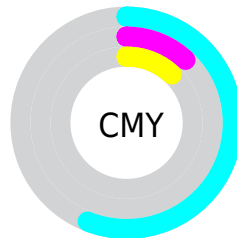
- Red (44%)
- Green (88%)
- Blue (88%)



- Red (44%)
- Yellow (66%)
- Blue (88%)



- Cyan (51%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



- Cyan (56%)
- Magenta (12%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FE1E0 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 6FE1E0 by changing the saturation by 10% instead.



 6FE1E0

 6FE1E0

FFFFFF

 50C5C4

 ABFFFF

 2CA9A9

 C8FFFF

 008E8E

 E6FFFF

 007475

 005B5C

 004345

 002C2F

 00141A

 000000

 6FE1E0

 6FE1E0

 59E1E0

 86E1E0

 42E1E0

 9CE1E0

 2CE1DF

 B3E1E1

 15E1DF

 C9E1E1

 00E1DF

 E0E1E1

 F6E1E1

 FFE1E1

 FFE1E2

# Harmonies

## Analogous

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



8BE0BF



6FE1E0



6FDEFC

# Triad

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



6FE1E0



E9C1FC



F3C892

# Complementary

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



6FE1E0



E16F70

# 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.



FFBEA3



6FE1E0



FFB9DF

# Square

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



6FE1E0



BFCFF



FFB8BF



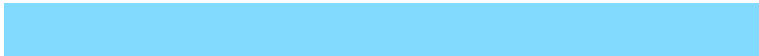
D4D392

# Rectangle

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



6FE1E0



83DAFF



FFB8BF



FCC596

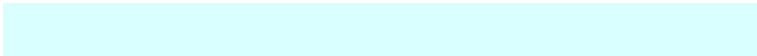


# Sweetspot

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



6FE1E0



D9FFFF



71E16F



69807F



000000



808080



# Same Dimension

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



6FE1E0



63FFFE



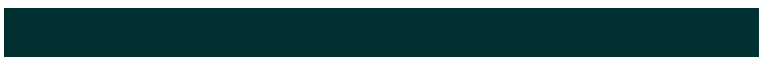
6FAAE1



657070



00B0AE



003030



# Inverse Universe

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



E16F70



FF6365



E1A66F



706565



B00002



300000



# Previews

## White Background



This preview shows how the Hex color 6FE1E0 looks on a white background.

## Color Contrast Check

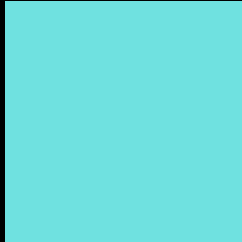
Large Text (above 18pt) WCAG AA × Fail

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 6FE1E0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

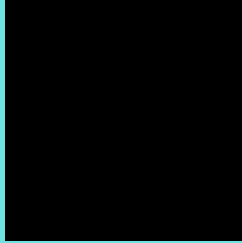
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6FE1E0 Background



This preview shows how black text looks on a background with the Hex color 6FE1E0.

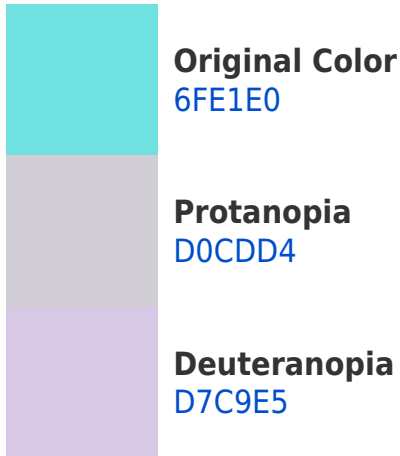


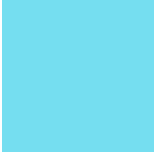
This preview shows how white text looks on a background with the Hex color 6FE1E0.

# 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**  
75DEF0

# Trichromacy



**Original Color**  
6FE1E0



**Protanomaly**  
ADD4D8



**Deuteranomaly**  
B1D2E3

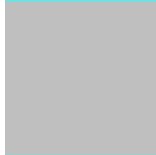


**Tritanomaly**  
73DFEA

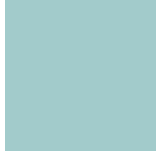
# Monochromacy



**Original Color**  
6FE1E0



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
A2CBCB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FE1E0 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 #6FE1E0 looks like.

```
.text, #text, p{  
    color:#6FE1E0  
}
```

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 #6FE1E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FE1E0
}
```

## Border

The CSS property to change the border of an element to Hex 6FE1E0 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
#6FE1E0 }
```

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

```
.border{ border-color:#6FE1E0 }
```

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

Here you see how a box with a 4 pixel #6FE1E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FE1E0; -webkit-box-shadow:4px 4px  
4px 4px #6FE1E0; box-shadow:4px 4px 4px  
4px #6FE1E0 }
```

# Background

The CSS property to change the background color of an element to Hex 6FE1E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FE1E0 }
```

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

```
.background{ background-color:#6FE1E0 }
```

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