

# Converting Colors

Hex(6FE8D0)

Have a look what the booklet for  
Hex(6FE8D0) contains.

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# **Color**

**Hex(6FE8D0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FE8D0
RGB	111, 232, 208
RGB Percent	44%, 91%, 82%
CMY	0.5647, 0.0902, 0.1843
CMYK	0.52, 0.00, 0.10, 0.09
HSL	168°, 72%, 67%
HSV	168°, 52%, 91%
XYZ	46.7973, 65.6468, 69.8791
YIQ	193.0850, -64.4120, -33.1160

# Conversions

## Conversions Part 2

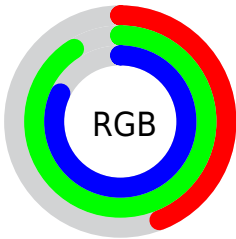
Format	Color
<a href="#">RYB</a>	<a href="#">111, 178, 232</a>
Decimal	<a href="#">7334096</a>
CIELab	<a href="#">84.82, -39.73, 1.31</a>
CIElCh	<a href="#">85, 39.754, 178.117</a>
Yxy	<a href="#">65.6468, 0.2567, 0.3601</a>
Android (android.graphics.Color)	<a href="#">4285524176 (0xFF6FE8D0)</a>
YUV	<a href="#">193.0850, 7.3531, -71.9885</a>
Hunter-Lab	<a href="#">81.0227, -38.6912, 5.5804</a>

# Details

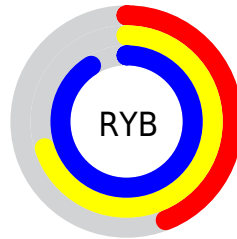
The Hex color **6FE8D0** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **E86F87**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **AAFFFF**, and **2DB09A** is the 20% darker color. If you saturate the color by 10%, you get **58E8CB**, and if you desaturate by 10%, it is **86E8D5**.

# Distribution



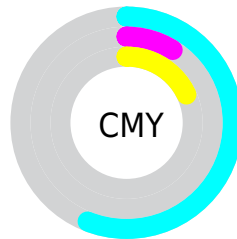
- Red (44%)
- Green (91%)
- Blue (82%)



- Red (44%)
- Yellow (70%)
- Blue (91%)



- Cyan (52%)
- Magenta (0%)
- Yellow (10%)
- Black (9%)



- Cyan (56%)
- Magenta (9%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FE8D0 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 6FE8D0 by changing the saturation by 10% instead.



 6FE8D0

 6FE8D0

FFFFFF

 50CCB4

 AAFFFF

 2DB09A

 C8FFFF

 009580

 E6FFFF

 007A67

 00614F

 004838

 003123

 001A0D

 000000

 6FE8D0

 6FE8D0

 58E8CB

 86E8D5

 41E8C7

 9DE8D9

 29E8C2

 B5E8DE

 12E8BE

 CCE8E2

 00E8BA

 E3E8E7

 FAE8EC

 FFE8F0

 FFE8F5

 FFE8F9

# Harmonies

## Analogous

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



9DE4AB



6FE8D0



4FE7F6

# Triad

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



6FE8D0



D5CBFF



FFC495

# Complementary

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



6FE8D0



E86F87

# 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.



FFBAB2



6FE8D0



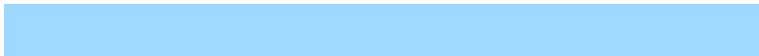
FFBEFC

# Square

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



6FE8D0



9CD8FF



FFB7D8



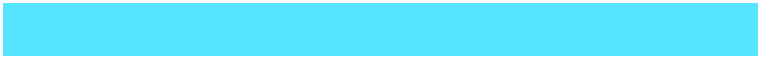
F0D188

# Rectangle

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



6FE8D0



56E4FF



FFB7D8



FFC09D

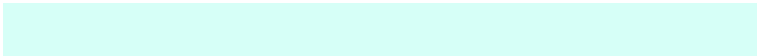


# Sweetspot

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



6FE8D0



D6FFF7



87E86F



67807B



000000



808080



# Same Dimension

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



6FE8D0



5EFFDF



6FC4E8



677370



00B38F



003329



# Inverse Universe

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



E86F87



FF5E7E



E8936F



73676A



B30023

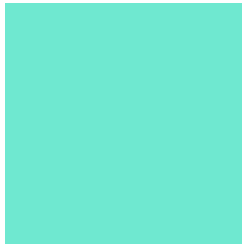


33000A



# Previews

## White Background



This preview shows how the Hex color 6FE8D0 looks on a white background.

## Color Contrast Check

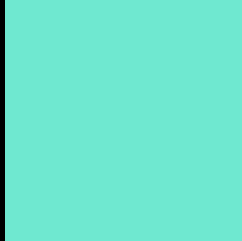
Large Text (above 18pt) WCAG AA × Fail

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 6FE8D0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

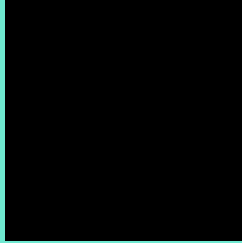
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

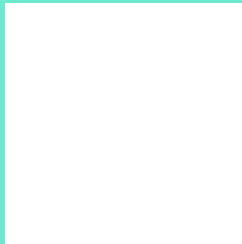
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6FE8D0 Background



This preview shows how black text looks on a background with the Hex color 6FE8D0.



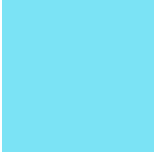
This preview shows how white text looks on a background with the Hex color 6FE8D0.

# 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**  
7BE3F5

# Trichromacy



**Original Color**  
6FE8D0



**Protanomaly**  
B3DAC8



**Deuteranomaly**  
BAD6D4

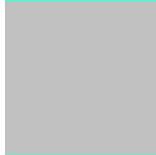


**Tritanomaly**  
77E5E8

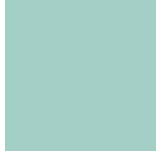
# Monochromacy



**Original Color**  
6FE8D0



**Achromatopsia**  
C1C1C1



**Achromatomaly**  
A3CFC6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FE8D0 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 #6FE8D0 looks like.

```
.text, #text, p{  
    color:#6FE8D0  
}
```

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 #6FE8D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FE8D0
}
```

## Border

The CSS property to change the border of an element to Hex 6FE8D0 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
#6FE8D0 }
```

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

```
.border{ border-color:#6FE8D0 }
```

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

Here you see how a box with a 4 pixel #6FE8D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FE8D0; -webkit-box-shadow:4px 4px  
4px 4px #6FE8D0; box-shadow:4px 4px 4px  
4px #6FE8D0 }
```

# Background

The CSS property to change the background color of an element to Hex 6FE8D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FE8D0 }
```

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

```
.background{ background-color:#6FE8D0 }
```

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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