

# Converting Colors

Hex(6DFFE0)

Have a look what the booklet for  
Hex(6DFFE0) contains.

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# **Color**

**Hex(6DFFE0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DFFE0
RGB	109, 255, 224
RGB Percent	43%, 100%, 88%
CMY	0.5725, 0.0000, 0.1216
CMYK	0.57, 0.00, 0.12, 0.00
HSL	167°, 100%, 71%
HSV	167°, 57%, 100%
XYZ	55.5212, 80.1530, 83.0658
YIQ	207.8120, -77.0650, -40.5930

# Conversions

## Conversions Part 2

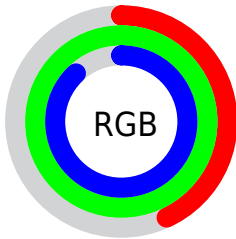
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 191, 255
Decimal	7208928
CIELab	91.75, -46.49, 3.03
CIELCh	92, 46.585, 176.265
Yxy	80.1530, 0.2538, 0.3664
Android (android.graphics.Color)	4285399008 (0xFF6DFFE0)
YUV	207.8120, 7.9807, -86.6581
Hunter-Lab	89.5282, -45.9770, 7.6595

# Details

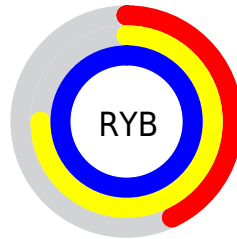
The Hex color **6DFFE0** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF6D8C**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **ABFFFF**, and **1EC5A9** is the 20% darker color. If you saturate the color by 10%, you get **54FFDB**, and if you desaturate by 10%, it is **87FFE5**.

# Distribution



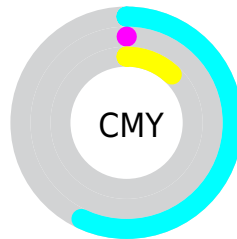
- Red (43%)
- Green (100%)
- Blue (88%)



- Red (43%)
- Yellow (75%)
- Blue (100%)



- Cyan (57%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)



- Cyan (57%)
- Magenta (0%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DFFE0 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 6DFFE0 by changing the saturation by 10% instead.



 6DFFE0

FFFFFF

 ABFFFF

 CAFFFF

 E9FFFF

 6DFFE0

 4BE2C4

 1EC5A9

 00AA8E

 008F75

 00745C

 005B45

 00422F

 002C1A

 000C00

 6DFFE0

 6DFFE0

 54FFDB

 87FFE5

 3AFFD5

 A0FFEB

 21FFD0

 BAFFF0

 07FFCA

 D3FFF6

 00FFC9

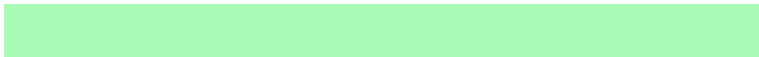
 EDFFFB

FFFFFF

# Harmonies

## Analogous

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



A8FAB4



6DFFE0



32FFFF

# Triad

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



6DFFE0



E5DEFF



FFD39E

# Complementary

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



6DFFE0



FF6D8C

# 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.



FFC7C2



6DFFE0



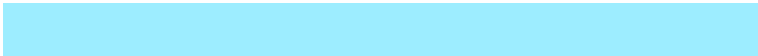
FFCEFF

# Square

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



6DFFE0



9DEDFD



FFC5EF



FFE38E

# Rectangle

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



6DFFE0



39FBFF



FFC5EF



FFCFA9

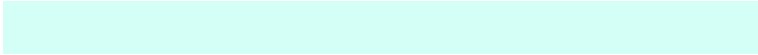


# Sweetspot

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



6DFFE0



D4FFF6



8DFF6D



66807A



000000



808080



# Same Dimension

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



6DFFE0



4FFFDA



6DD6FF



73807D



00BF97



004032



# Inverse Universe

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



FF6D8C



FF4F74



FF966D



807375



BF0029

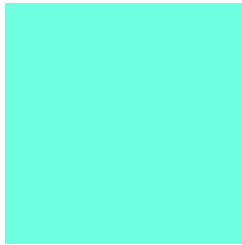


40000E



# Previews

## White Background



This preview shows how the Hex color 6DFFE0 looks on a white background.

## Color Contrast Check

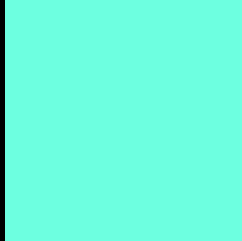
Large Text (above 18pt) WCAG AA × Fail

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 6DFFE0 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 6DFFE0 Background



This preview shows how black text looks on a background with the Hex color 6DFFE0.



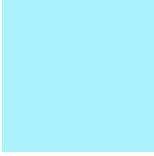
This preview shows how white text looks on a background with the Hex color 6DFFE0.

# 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](#).

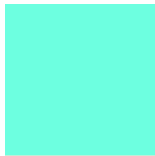
## Dichromacy





**Tritanopia**  
ADF2FF

# Trichromacy



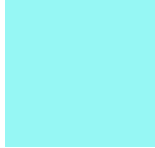
**Original Color**  
6DFFE0



**Protanomaly**  
BFEED7



**Deuteranomaly**  
C7EAE4

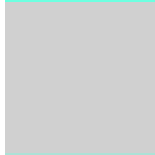


**Tritanomaly**  
96F7F4

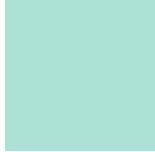
# Monochromacy



**Original Color**  
6DFFE0



**Achromatopsia**  
D0D0D0



**Achromatomaly**  
ACE1D6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DFFE0 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 #6DFFE0 looks like.

```
.text, #text, p{  
    color:#6DFFE0  
}
```

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 #6DFFE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DFFE0
}
```

## Border

The CSS property to change the border of an element to Hex 6DFFE0 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
#6DFFE0 }
```

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

```
.border{ border-color:#6DFFE0 }
```

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

Here you see how a box with a 4 pixel #6DFFE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DFFE0; -webkit-box-shadow:4px 4px  
4px 4px #6DFFE0; box-shadow:4px 4px 4px  
4px #6DFFE0 }
```

# Background

The CSS property to change the background color of an element to Hex 6DFFE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DFFE0 }
```

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

```
.background{ background-color:#6DFFE0 }
```

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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