

# Converting Colors

Hex(6EE8CC)

Have a look what the booklet for  
Hex(6EE8CC) contains.

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# Color

Hex(6EE8CC)

# Conversions

## Conversions Part 1

Format	Color
Hex	6EE8CC
RGB	110, 232, 204
RGB Percent	43%, 91%, 80%
CMY	0.5686, 0.0902, 0.2000
CMYK	0.53, 0.00, 0.12, 0.09
HSL	166°, 73%, 67%
HSV	166°, 53%, 91%
XYZ	46.1861, 65.3879, 67.3136
YIQ	192.3300, -63.7240, -34.5720

# Conversions

## Conversions Part 2

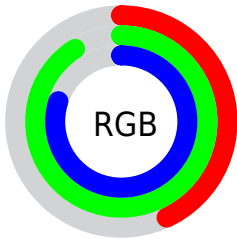
<b>Format</b>	<b>Color</b>
<b>RYB</b>	110, 179, 232
Decimal	7268556
CIELab	84.68, -40.89, 3.21
CIELCh	85, 41.013, 175.504
Yxy	65.3879, 0.2582, 0.3655
Android (android.graphics.Color)	4285458636 (0xFF6EE8CC)
YUV	192.3300, 5.7533, -72.2034
Hunter-Lab	80.8628, -39.5566, 7.2484

# Details

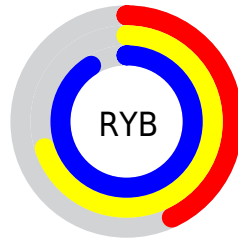
The Hex color **6EE8CC** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E86E8A**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **A9FFFF**, and **2BB096** is the 20% darker color. If you saturate the color by 10%, you get **57E8C7**, and if you desaturate by 10%, it is **85E8D1**.

# Distribution



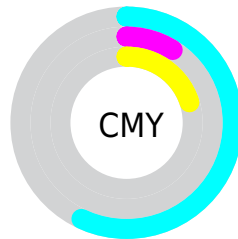
- Red (43%)
- Green (91%)
- Blue (80%)



- Red (43%)
- Yellow (70%)
- Blue (91%)



- Cyan (53%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (57%)
- Magenta (9%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EE8CC 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 6EE8CC by changing the saturation by 10% instead.



 6EE8CC

 6EE8CC

FFFFFF

 4FCCB1

 A9FFFF

 2BB096

 C7FFFF

 00957C

 E5FFFF

 007A63

 00614B

 004835

 003020

 001908

 000000

 6EE8CC

 6EE8CC

 57E8C7


 85E8D1

 40E8C1

 9CE8D7

 28E8BC

 B4E8DC

 11E8B7

 CBE8E1

 00E8B3

 E2E8E7

 F9E8EC

 FFE8F1

 FFE8F7

 FFE8FC

# Harmonies

## Analogous

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



9EE4A6



6EE8CC



46E8F3

# Triad

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



6EE8CC



D0CCFF



FFC295

# Complementary

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



6EE8CC



E86E8A

# 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.



FFB8B4



6EE8CC



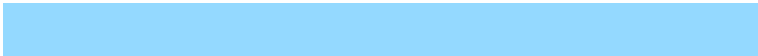
FFBEFF

# Square

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



6EE8CC



94D9FF



FFB6DB



F3CF86

# Rectangle

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



6EE8CC



4AE5FF



FFB6DB



FFBE9E



# Sweetspot

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



6EE8CC



D6FFF6



8AE86E



67807A



000000



808080



# Same Dimension

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



6EE8CC



5EFFDA



6EC7E8



677370



00B38A



003327



# Inverse Universe

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



E86E8A



FF5E83



E88F6E



73676A



B30029

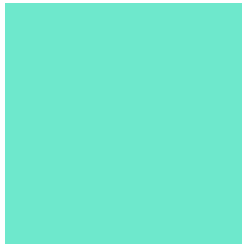


33000C



# Previews

## White Background



This preview shows how the Hex color 6EE8CC looks on a white background.

## Color Contrast Check

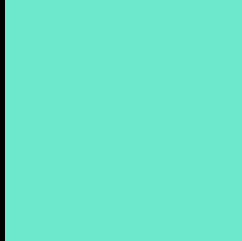
Large Text (above 18pt) WCAG AA × Fail

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 6EE8CC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

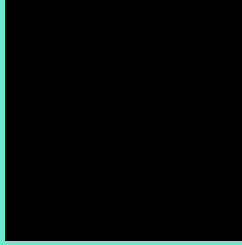
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6EE8CC Background



This preview shows how black text looks on a background with the Hex color 6EE8CC.



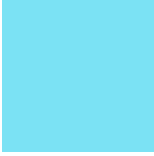
This preview shows how white text looks on a background with the Hex color 6EE8CC.

# 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**  
7BE2F4

# Trichromacy



**Original Color**  
6EE8CC



**Protanomaly**  
B3D9C4



**Deuteranomaly**  
BAD6D0

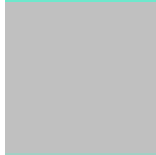


**Tritanomaly**  
76E4E5

# Monochromacy



**Original Color**  
6EE8CC



**Achromatopsia**  
C0C0C0



**Achromatomaly**  
A2CFC4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EE8CC 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 #6EE8CC looks like.

```
.text, #text, p{  
    color:#6EE8CC  
}
```

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 #6EE8CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EE8CC
}
```

## Border

The CSS property to change the border of an element to Hex 6EE8CC 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
#6EE8CC }
```

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

```
.border{ border-color:#6EE8CC }
```

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

Here you see how a box with a 4 pixel #6EE8CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EE8CC; -webkit-box-shadow:4px 4px  
4px 4px #6EE8CC; box-shadow:4px 4px 4px  
4px #6EE8CC }
```

# Background

The CSS property to change the background color of an element to Hex 6EE8CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EE8CC }
```

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

```
.background{ background-color:#6EE8CC }
```

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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