

# Converting Colors

Hex(6EE6EA)

Have a look what the booklet for  
Hex(6EE6EA) contains.

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# Color

**Hex(6EE6EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EE6EA
RGB	110, 230, 234
RGB Percent	43%, 90%, 92%
CMY	0.5686, 0.0980, 0.0824
CMYK	0.53, 0.02, 0.00, 0.08
HSL	182°, 75%, 67%
HSV	182°, 53%, 92%
XYZ	49.5785, 65.8491, 87.9390
YIQ	194.5760, -72.8040, -24.1960

# Conversions

## Conversions Part 2

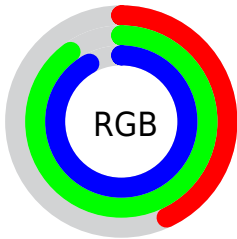
Format	Color
<b>RYB</b>	110, 171, 234
Decimal	7268074
CIELab	84.92, -32.51, -12.25
CIELCh	85, 34.741, 200.655
Yxy	65.8491, 0.2438, 0.3238
Android (android.graphics.Color)	4285458154 (0xFF6EE6EA)
YUV	194.5760, 19.4360, -74.1732
Hunter-Lab	81.1475, -32.9503, -7.4489

# Details

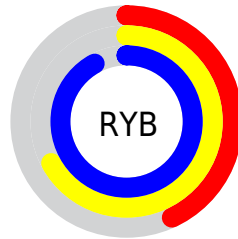
The Hex color **6EE6EA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **EA726E**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **ABFFFF**, and **27AEB2** is the 20% darker color. If you saturate the color by 10%, you get **57E5EA**, and if you desaturate by 10%, it is **85E7EA**.

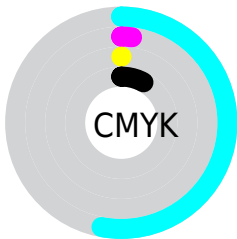
# Distribution



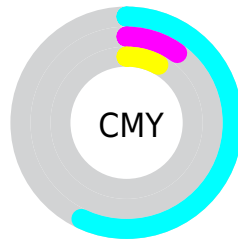
- Red (43%)
- Green (90%)
- Blue (92%)



- Red (43%)
- Yellow (67%)
- Blue (92%)



- Cyan (53%)
- Magenta (2%)
- Yellow (0%)
- Black (8%)



- Cyan (57%)
- Magenta (10%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EE6EA 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 6EE6EA by changing the saturation by 10% instead.



 6EE6EA

 6EE6EA

FFFFFF

 4ECACE

 ABFFFF

 27AEB2

 C9FFFF

 009398

 E7FFFF

 00797E

 006065

 00474D

 003036

 001B21

 000009

6EE6EA

6EE6EA

57E5EA

85E7EA

3FE4EA

9DE8EA

28E4EA

B4E8EA

10E3EA

CCE9EA

00E2EA

E3EAEA

FAEBEA

FFEBEA

FFECEA

FFEDEA

# Harmonies

## Analogous

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



89E6C8



6EE6EA



74E2FF

# Triad

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



6EE6EA



F4C4FE



F5CE94

# Complementary

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



6EE6EA



EA726E

# 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.



FFC4A3



6EE6EA



FFBDE0

# Square

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



6EE6EA



CBCFFF



FFBDBE



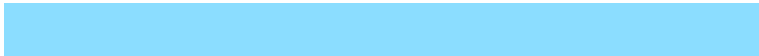
D4D996

# Rectangle

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



6EE6EA



8BDDFF



FFBDBE



FECB97



# Sweetspot

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



6EE6EA



D6FEFF



6EEA70



677F80



000000



808080



# Same Dimension

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



6EE6EA



5CFAFF



6EAAEA



6A7575



00AFB5



003436



# Inverse Universe

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



EA6EE6



FF5CFA



EAAE6E



756A75



B500AF

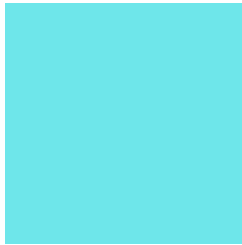


360034



# Previews

## White Background



This preview shows how the Hex color 6EE6EA looks on a white background.

## Color Contrast Check

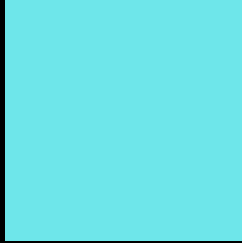
Large Text (above 18pt) WCAG AA × Fail

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 6EE6EA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

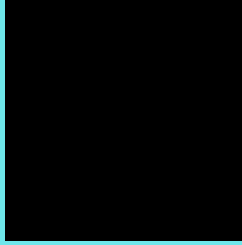
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6EE6EA Background



This preview shows how black text looks on a background with the Hex color 6EE6EA.

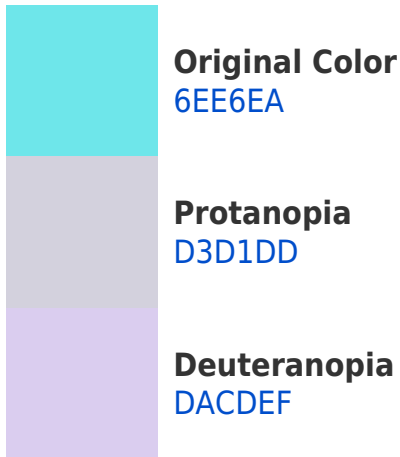


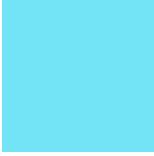
This preview shows how white text looks on a background with the Hex color 6EE6EA.

# 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**  
73E4F6

# Trichromacy



**Original Color**  
6EE6EA



**Protanomaly**  
AED9E2



**Deuteranomaly**  
B3D6ED

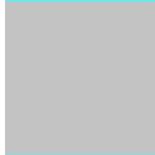


**Tritanomaly**  
71E5F2

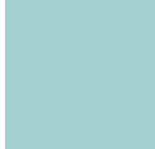
# Monochromacy



**Original Color**  
6EE6EA



**Achromatopsia**  
C3C3C3



**Achromatomaly**  
A4D0D1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EE6EA 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 #6EE6EA looks like.

```
.text, #text, p{  
    color:#6EE6EA  
}
```

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 #6EE6EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EE6EA
}
```

## Border

The CSS property to change the border of an element to Hex 6EE6EA 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
#6EE6EA }
```

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

```
.border{ border-color:#6EE6EA }
```

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

Here you see how a box with a 4 pixel #6EE6EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EE6EA; -webkit-box-shadow:4px 4px  
4px 4px #6EE6EA; box-shadow:4px 4px 4px  
4px #6EE6EA }
```

# Background

The CSS property to change the background color of an element to Hex 6EE6EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EE6EA }
```

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

```
.background{ background-color:#6EE6EA }
```

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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