

# Converting Colors

Hex(5EE7EA)

Have a look what the booklet for  
Hex(5EE7EA) contains.

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# Color

**Hex(5EE7EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EE7EA
RGB	94, 231, 234
RGB Percent	37%, 91%, 92%
CMY	0.6314, 0.0941, 0.0824
CMYK	0.60, 0.01, 0.00, 0.08
HSL	181°, 77%, 64%
HSV	181°, 60%, 92%
XYZ	48.0433, 65.4720, 87.9471
YIQ	190.3790, -82.6150, -28.1110

# Conversions

## Conversions Part 2

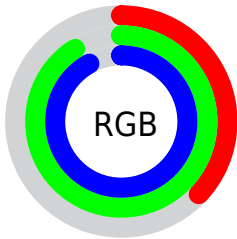
Format	Color
R <sub>Y</sub> B	94, 163, 234
Decimal	6219754
CIE Lab	84.73, -35.87, -12.59
CIE LCh	85, 38.020, 199.343
Yxy	65.4720, 0.2385, 0.3250
Android (android.graphics.Color)	4284409834 (0xFF5EE7EA)
YUV	190.3790, 21.5052, -84.5244
Hunter-Lab	80.9148, -35.6162, -7.8026

# Details

The Hex color **5EE7EA** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **EA615E**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **9EFFFF**, and **00AFB2** is the 20% darker color. If you saturate the color by 10%, you get **47E6EA**, and if you desaturate by 10%, it is **75E8EA**.

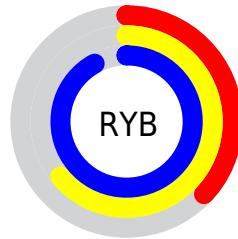
# Distribution



Red (37%)

Green (91%)

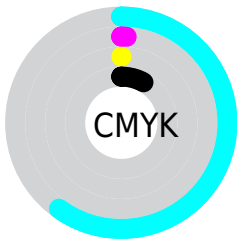
Blue (92%)



Red (37%)

Yellow (64%)

Blue (92%)

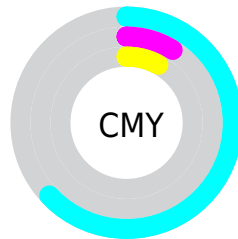


Cyan (60%)

Magenta (1%)

Yellow (0%)

Black (8%)



Cyan (63%)

Magenta (9%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EE7EA 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 5EE7EA by changing the saturation by 10% instead.



 5EE7EA

 5EE7EA


FFFFFF

 39CBCE

 9EFFFF

 00AFB2

 BCFFFF

 009498

 DBFFFF

 007A7E

 FAFFFF

 006065

 00484D

 003036

 001A21

 000009

 5EE7EA

 5EE7EA

 47E6EA

 75E8EA

 2FE6EA

 8DE8EA

 18E5EA

 A4E9EA

 00E5EA

 BCE9EA

 D3EAEA

 EAEAEA

 FFEBEA

 FFECEA

# Harmonies

## Analogous

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



81E6C5



5EE7EA



61E3FF

# Triad

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



5EE7EA



F5C2FF



F8CD8D

# Complementary

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



5EE7EA



EA615E

# 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.



FFC19F



5EE7EA



FFBAE2

# Square

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



5EE7EA



C6CFFF



FFB9BD



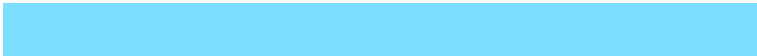
D5D98F

# Rectangle

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



5EE7EA



7EDEFB



FFB9BD



FFC991



# Sweetspot

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



5EE7EA



D1FEFF



5EEA60



637F80



000000



808080



# Same Dimension

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



5EE7EA



47FBFF



5EA2EA



6A7575



00B1B5



003436



# Inverse Universe

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



EA5EE7



FF47FB



EAA65E



756A75



B500B1

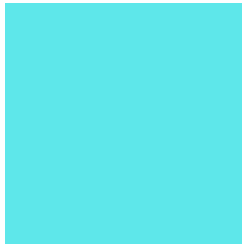


360034



# Previews

## White Background



This preview shows how the Hex color 5EE7EA looks on a white background.

## Color Contrast Check

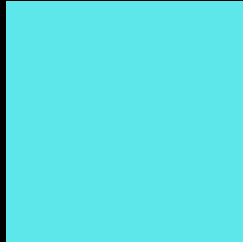
Large Text (above 18pt) WCAG AA × Fail

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 5EE7EA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

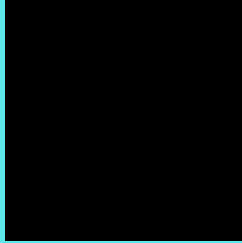
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5EE7EA Background



This preview shows how black text looks on a background with the Hex color 5EE7EA.

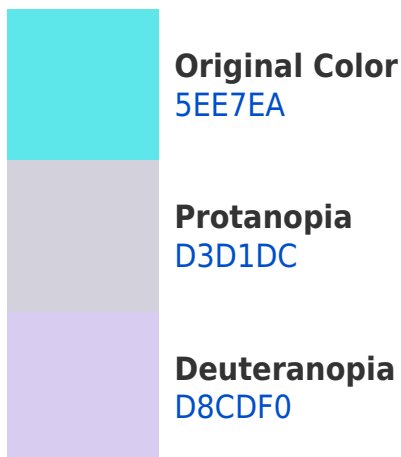


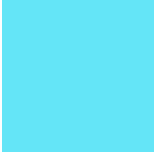
This preview shows how white text looks on a background with the Hex color 5EE7EA.

# 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



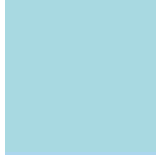


**Tritanopia**  
64E5F7

# Trichromacy



**Original Color**  
5EE7EA



**Protanomaly**  
A8D9E1



**Deuteranomaly**  
ACD6EE

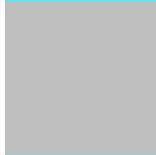


**Tritanomaly**  
62E6F2

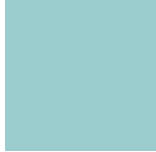
# Monochromacy



**Original Color**  
5EE7EA



**Achromatopsia**  
BEBEBE



**Achromatomaly**  
9BCDCE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EE7EA 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 #5EE7EA looks like.

```
.text, #text, p{  
  color:#5EE7EA  
}
```

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 #5EE7EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EE7EA  
}
```

## Border

The CSS property to change the border of an element to Hex 5EE7EA 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  
#5EE7EA }
```

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

```
.border{ border-color:#5EE7EA }
```

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

Here you see how a box with a 4 pixel #5EE7EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EE7EA; -webkit-box-shadow:4px 4px  
4px 4px #5EE7EA; box-shadow:4px 4px 4px  
4px #5EE7EA }
```

# Background

The CSS property to change the background color of an element to Hex 5EE7EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EE7EA }
```

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

```
.background{ background-color:#5EE7EA }
```

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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