

Converting Colors

Hex(5EE6EC)

Have a look what the booklet for
Hex(5EE6EC) contains.

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Color

Hex(5EE6EC)

Conversions

Conversions Part 1

Format	Color
Hex	5EE6EC
RGB	94, 230, 236
RGB Percent	37%, 90%, 93%
CMY	0.6314, 0.0980, 0.0745
CMYK	0.60, 0.03, 0.00, 0.07
HSL	183°, 79%, 65%
HSV	183°, 60%, 93%
XYZ	48.0532, 65.0294, 89.3761
YIQ	190.0200, -82.9820, -26.9660

Conversions

Conversions Part 2

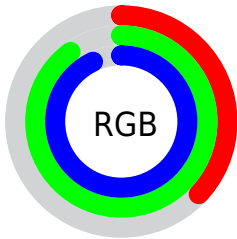
Format	Color
RYB	94, 163, 236
Decimal	6219500
CIELab	84.50, -34.87, -13.99
CIElCh	84, 37.567, 201.861
Yxy	65.0294, 0.2373, 0.3212
Android (android.graphics.Color)	4284409580 (0xFF5EE6EC)
YUV	190.0200, 22.6681, -84.2095
Hunter-Lab	80.6408, -34.7547, -9.2639

Details

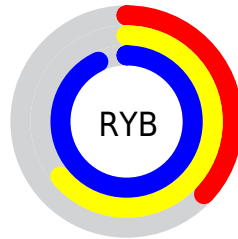
The Hex color **5EE6EC** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **EC645E**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **9EFFFF**, and **00AEB4** is the 20% darker color. If you saturate the color by 10%, you get **46E5EC**, and if you desaturate by 10%, it is **76E7EC**.

Distribution



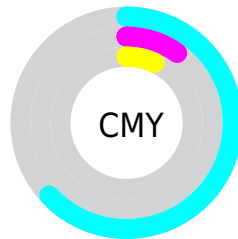
- Red (37%)
- Green (90%)
- Blue (93%)



- Red (37%)
- Yellow (64%)
- Blue (93%)



- Cyan (60%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (63%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EE6EC 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 5EE6EC by changing the saturation by 10% instead.

 5EE6EC

 5EE6EC

FFFFFF

 39CAD0

 9EFFFF

 00AEB4

 BCFFFF

 009399

 DBFFFF

 007980

 FAFFFF

 005F66

 00474E

 003038

 001922

 00000B

 5EE6EC

 5EE6EC

 46E5EC

 76E7EC

 2FE4EC

 8DE8EC

 17E3EC

 A5E9EC

 00E2EC

 BCEAEC

 D4EBEC

 ECECEC

 FFEDEC

 FFEEEC

 FFEFEC

Harmonies

Analogous

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



7EE6C8



5EE6EC



66E2FF

Triad

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



5EE6EC



F7C1FF



F4CD8D

Complementary

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



5EE6EC



EC645E

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.



FFC19C



5EE6EC



FFB9DE

Square

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



5EE6EC



CACDFF



FFB9BA



D1D990

Rectangle

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



5EE6EC



83DDFF



FFB9BA



FEC990

Sweetspot

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



5EE6EC



D1FDFD



5EEC63



637E80



000000



808080

Same Dimension

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



5EE6EC



47F7FF



5EA0EC



6A7575



00ADB5



003336

Inverse Universe

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



EC5EE6



FF47F7



ECAA5E



756A75



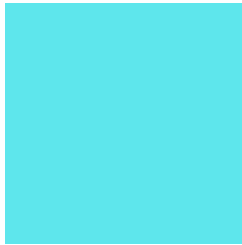
B500AD



360033

Previews

White Background



This preview shows how the Hex color 5EE6EC looks on a white background.

Color Contrast Check

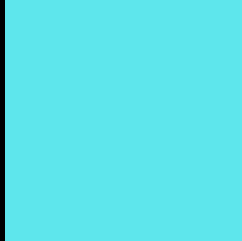
Large Text (above 18pt) WCAG AA × Fail

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 5EE6EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

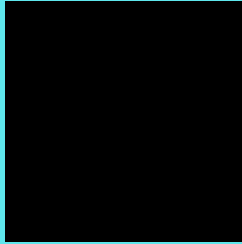
Any Text WCAG AA ✓ Pass

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 5EE6EC Background



This preview shows how black text looks on a background with the Hex color 5EE6EC.

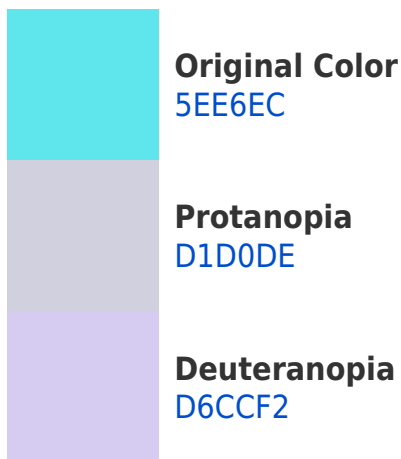


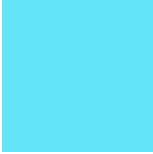
This preview shows how white text looks on a background with the Hex color 5EE6EC.

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
63E4F7

Trichromacy



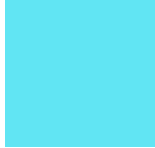
Original Color
5EE6EC



Protanomaly
A7D8E3



Deuteranomaly
AAD5F0

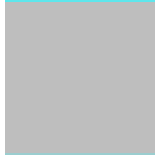


Tritanomaly
61E5F3

Monochromacy



Original Color
5EE6EC



Achromatopsia
BEBEBE



Achromatomaly
9BCDCF

CSS Examples

Text

The CSS property to change the color of the text to Hex 5EE6EC 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 #5EE6EC looks like.

```
.text, #text, p{  
    color:#5EE6EC  
}
```

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 #5EE6EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EE6EC
}
```

Border

The CSS property to change the border of an element to Hex 5EE6EC 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
#5EE6EC }
```

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

```
.border{ border-color:#5EE6EC }
```

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

Here you see how a box with a 4 pixel #5EE6EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EE6EC; -webkit-box-shadow:4px 4px  
4px 4px #5EE6EC; box-shadow:4px 4px 4px  
4px #5EE6EC }
```

Background

The CSS property to change the background color of an element to Hex 5EE6EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EE6EC }
```

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

```
.background{ background-color:#5EE6EC }
```

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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