

Converting Colors

Hex(5FE8ED)

Have a look what the booklet for
Hex(5FE8ED) contains.

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Color

Hex(5FE8ED)

Conversions

Conversions Part 1

Format	Color
Hex	5FE8ED
RGB	95, 232, 237
RGB Percent	37%, 91%, 93%
CMY	0.6275, 0.0902, 0.0706
CMYK	0.60, 0.02, 0.00, 0.07
HSL	182°, 80%, 65%
HSV	182°, 60%, 93%
XYZ	48.8620, 66.2605, 90.3350
YIQ	191.6070, -83.2570, -27.4890

Conversions

Conversions Part 2

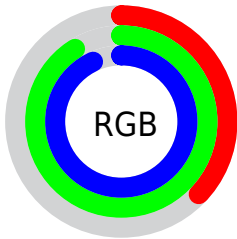
Format	Color
RYB	95, 165, 237
Decimal	6285549
CIELab	85.13, -35.36, -13.57
CIElCh	85, 37.874, 200.994
Yxy	66.2605, 0.2378, 0.3225
Android (android.graphics.Color)	4284475629 (0xFF5FE8ED)
YUV	191.6070, 22.3787, -84.7243
Hunter-Lab	81.4006, -35.3036, -8.8172

Details

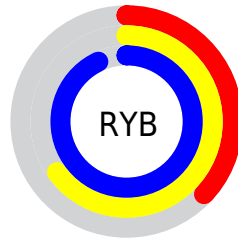
The Hex color **5FE8ED** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **ED645F**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **9FFFFFF**, and **00B0B5** is the 20% darker color. If you saturate the color by 10%, you get **47E7ED**, and if you desaturate by 10%, it is **77E9ED**.

Distribution



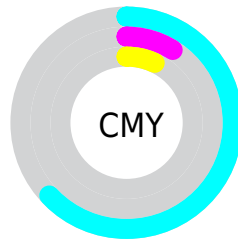
- Red (37%)
- Green (91%)
- Blue (93%)



- Red (37%)
- Yellow (65%)
- Blue (93%)



- Cyan (60%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (63%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FE8ED 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 5FE8ED by changing the saturation by 10% instead.

 5FE8ED

 5FE8ED

FFFFFF

 3ACCD1

 9FFFFFF

 00B0B5

 BDFFFF

 00959A

 DCFFFF

 007B80

 FBFFFF

 006167

 00494F

 003138

 001C23

 00000C

 5FE8ED

 5FE8ED

 47E7ED

 77E9ED

 30E6ED

 8EEAED

 18E5ED

 A6EBED

 00E5ED

 BEEBED

 D5ECED

 EDEDED

 FFEEED

 FFEFED

 FFF0ED

Harmonies

Analogous

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



80E8C8



5FE8ED



65E4FF

Triad

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



5FE8ED



F8C3FF



F7CF8E

Complementary

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



5FE8ED



ED645F

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.



FFC39E



5FE8ED



FFBBE1

Square

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



5FE8ED



CACFFF



FFBBBD



D4DA91

Rectangle

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



5FE8ED



82DFFF



FFBBBD



FFCB92

Sweetspot

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



5FE8ED



D1FDFD



5FED64



637F80



000000



808080

Same Dimension

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



5FE8ED



47F9FF



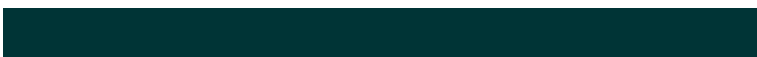
5FA1ED



6A7575



00AFB5



003436

Inverse Universe

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



ED5FE8



FF47F9



EDAB5F



756A75



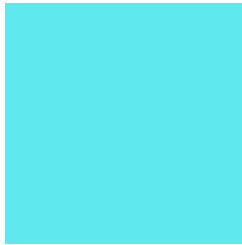
B500AF



360034

Previews

White Background



This preview shows how the Hex color 5FE8ED looks on a white background.

Color Contrast Check

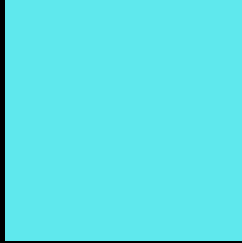
Large Text (above 18pt) WCAG AA × Fail

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 5FE8ED looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

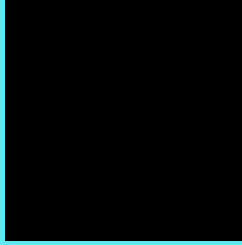
Any Text WCAG AA ✓ Pass

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 5FE8ED Background



This preview shows how black text looks on a background with the Hex color 5FE8ED.

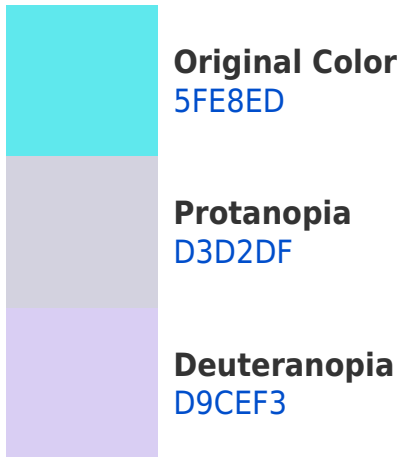


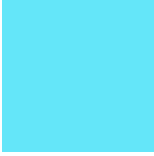
This preview shows how white text looks on a background with the Hex color 5FE8ED.

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
64E6F9

Trichromacy



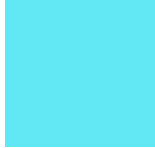
Original Color
5FE8ED



Protanomaly
A9DAE4



Deuteranomaly
ADD7F1

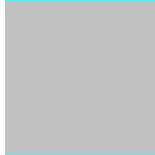


Tritanomaly
62E7F5

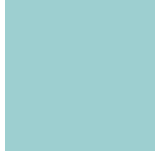
Monochromacy



Original Color
5FE8ED



Achromatopsia
C0C0C0



Achromatomaly
9DCFD0

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FE8ED 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 #5FE8ED looks like.

```
.text, #text, p{  
    color:#5FE8ED  
}
```

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 #5FE8ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FE8ED
}
```

Border

The CSS property to change the border of an element to Hex 5FE8ED 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
#5FE8ED }
```

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

```
.border{ border-color:#5FE8ED }
```

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

Here you see how a box with a 4 pixel #5FE8ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FE8ED; -webkit-box-shadow:4px 4px  
4px 4px #5FE8ED; box-shadow:4px 4px 4px  
4px #5FE8ED }
```

Background

The CSS property to change the background color of an element to Hex 5FE8ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FE8ED }
```

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

```
.background{ background-color:#5FE8ED }
```

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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