

Converting Colors

Hex(5FE8DC)

Have a look what the booklet for
Hex(5FE8DC) contains.

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Color

Hex(5FE8DC)

Conversions

Conversions Part 1

Format	Color
Hex	5FE8DC
RGB	95, 232, 220
RGB Percent	37%, 91%, 86%
CMY	0.6275, 0.0902, 0.1373
CMYK	0.59, 0.00, 0.05, 0.09
HSL	175°, 75%, 64%
HSV	175°, 59%, 91%
XYZ	46.4942, 65.3134, 77.8664
YIQ	189.6690, -77.8000, -32.7760

Conversions

Conversions Part 2

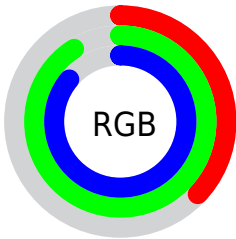
Format	Color
RYB	95, 167, 232
Decimal	6285532
CIELab	84.64, -39.85, -5.33
CIELCh	85, 40.205, 187.612
Yxy	65.3134, 0.2451, 0.3443
Android (android.graphics.Color)	4284475612 (0xFF5FE8DC)
YUV	189.6690, 14.9532, -83.0247
Hunter-Lab	80.8167, -38.7375, -0.5538

Details

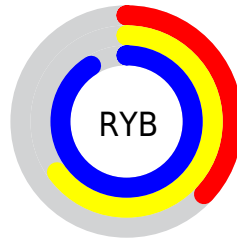
The Hex color **5FE8DC** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **E85F6B**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **9EFFFF**, and **00B0A5** is the 20% darker color. If you saturate the color by 10%, you get **48E8DA**, and if you desaturate by 10%, it is **76E8DE**.

Distribution



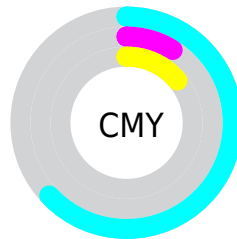
- Red (37%)
- Green (91%)
- Blue (86%)



- Red (37%)
- Yellow (65%)
- Blue (91%)



- Cyan (59%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)



- Cyan (63%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FE8DC 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 5FE8DC by changing the saturation by 10% instead.

 5FE8DC

 5FE8DC

FFFFFF

 3BCCCC

 9EFFFF

 00B0A5

 BCFFFF

 00958B

 DAFFFF

 007A71

 F9FFFF

 006159

 004842

 00312C

 001A17

 000000

 5FE8DC

 5FE8DC

 48E8DA

 76E8DE

 31E8D8

 8DE8E0

 19E8D6

 A5E8E2

 02E8D4

 BCE8E4

 00E8D4

 D3E8E6

 EAE8E8

 FFE8EA

 FFE8EC

 FFE8EE

Harmonies

Analogous

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



8DE6B5



5FE8DC



4AE6FF

Triad

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



5FE8DC



E5C6FF



FFC78E

Complementary

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



5FE8DC



E85F6B

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.



FFBCA7



5FE8DC



FFBAF1

Square

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



5FE8DC



AED4FF



FFB6CB



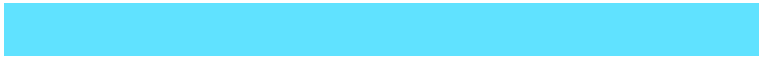
E4D487

Rectangle

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



5FE8DC



60E2FF



FFB6CB



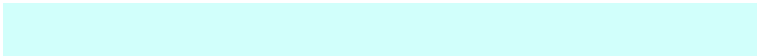
FFC394

Sweetspot

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



5FE8DC



D1FFFB



6DE85F



63807D



000000



808080

Same Dimension

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



5FE8DC



4AFFEF



5FB1E8



677372



00B3A3



00332F

Inverse Universe

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



E85F6B



FF4A5A



E8965F



736768



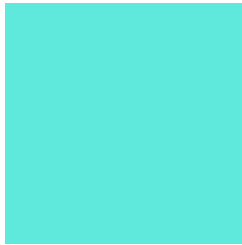
B30010



330004

Previews

White Background



This preview shows how the Hex color 5FE8DC looks on a white background.

Color Contrast Check

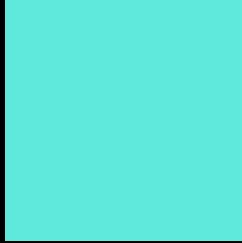
Large Text (above 18pt) WCAG AA × Fail

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 5FE8DC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

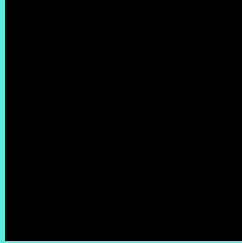
Any Text WCAG AA ✓ Pass

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 5FE8DC Background



This preview shows how black text looks on a background with the Hex color 5FE8DC.

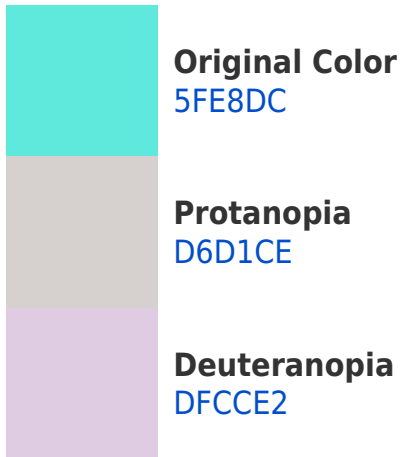


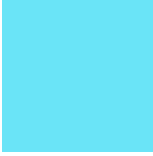
This preview shows how white text looks on a background with the Hex color 5FE8DC.

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
6AE4F7

Trichromacy



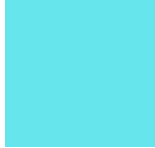
Original Color
5FE8DC



Protanomaly
ABD9D3



Deuteranomaly
B0D6E0

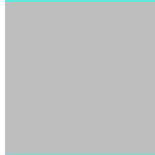


Tritanomaly
66E5ED

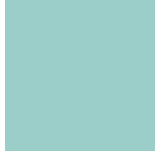
Monochromacy



Original Color
5FE8DC



Achromatopsia
BEBEBE



Achromatomaly
9BCDC9

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FE8DC 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 #5FE8DC looks like.

```
.text, #text, p{  
    color:#5FE8DC  
}
```

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 #5FE8DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FE8DC
}
```

Border

The CSS property to change the border of an element to Hex 5FE8DC 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
#5FE8DC }
```

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

```
.border{ border-color:#5FE8DC }
```

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

Here you see how a box with a 4 pixel #5FE8DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FE8DC; -webkit-box-shadow:4px 4px  
4px 4px #5FE8DC; box-shadow:4px 4px 4px  
4px #5FE8DC }
```

Background

The CSS property to change the background color of an element to Hex 5FE8DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FE8DC }
```

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

```
.background{ background-color:#5FE8DC }
```

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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