

Converting Colors

Hex(5FE6DB)

Have a look what the booklet for
Hex(5FE6DB) contains.

Hex(5FE6DB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5FE6DB)

Conversions

Conversions Part 1

Format	Color
Hex	5FE6DB
RGB	95, 230, 219
RGB Percent	37%, 90%, 86%
CMY	0.6275, 0.0980, 0.1412
CMYK	0.59, 0.00, 0.05, 0.10
HSL	175°, 73%, 64%
HSV	175°, 59%, 90%
XYZ	45.8023, 64.1410, 76.9842
YIQ	188.3810, -76.9290, -32.0410

Conversions

Conversions Part 2

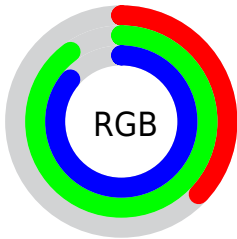
Format	Color
RYB	95, 165, 230
Decimal	6285019
CIELab	84.04, -39.20, -5.69
CIELCh	84, 39.614, 188.262
Yxy	64.1410, 0.2450, 0.3431
Android (android.graphics.Color)	4284475099 (0xFF5FE6DB)
YUV	188.3810, 15.0952, -81.8951
Hunter-Lab	80.0881, -38.0701, -0.9306




Details

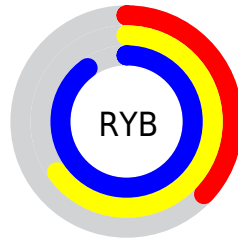
The Hex color **5FE6DB** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **E65F6A**, and the grayscale version is **BCBCBC**.




A 20% lighter version of the original color is **9DFFFF**, and **00AEA4** is the 20% darker color. If you saturate the color by 10%, you get **48E6D9**, and if you desaturate by 10%, it is **76E6DD**.

Distribution







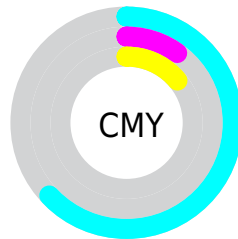
-  Red (37%)
-  Green (90%)
-  Blue (86%)






-  Red (37%)
-  Yellow (65%)
-  Blue (90%)



-  Cyan (59%)
-  Magenta (0%)
-  Yellow (5%)
-  Black (10%)



-  Cyan (63%)
-  Magenta (10%)
-  Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FE6DB 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 5FE6DB by changing the saturation by 10% instead.

 5FE6DB

 5FE6DB

FFFFFF

 3CCABF

 9DFFFF

 00AEA4

 BCFFFF

 00938A

 DAFFFF

 007870

 F9FFFF

 005F58

 004641

 002F2B

 001717

 000000

 5FE6DB

 5FE6DB

 48E6D9

 76E6DD

 31E6D7

 8DE6DF

 1AE6D5

 A4E6E1

 03E6D4

 BBE6E2

 00E6D3

 D2E6E4

 E9E6E6

 FFE6E8

 FFE6EA

 FFE6EC

Harmonies

Analogous

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



8BE4B5



5FE6DB



4DE4FF

Triad

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



5FE6DB



E4C4FF



FFC68D

Complementary

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



5FE6DB



E65F6A

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.



FFBAA5



5FE6DB



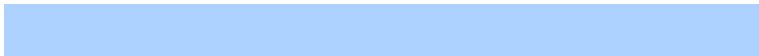
FFB9EE

Square

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



5FE6DB



AED2FF



FFB5C8



E1D387

Rectangle

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



5FE6DB



62E0FF



FFB5C8



FFC293

Sweetspot

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



5FE6DB



D1FFFB



6AE65F



63807D



000000



808080

Same Dimension

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



5FE6DB



4DFFF0



5FAEE6



677372



00B3A4



00332F

Inverse Universe

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



E65F6A



FF4D5B



E6975F



736768



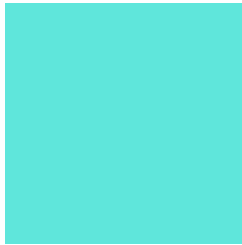
B3000F



330004

Previews

White Background



This preview shows how the Hex color 5FE6DB looks on a white background.

Color Contrast Check

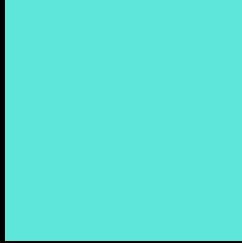
Large Text (above 18pt) WCAG AA × Fail

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 5FE6DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

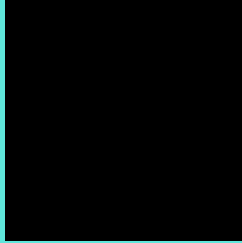
Any Text WCAG AA ✓ Pass

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 5FE6DB Background



This preview shows how black text looks on a background with the Hex color 5FE6DB.

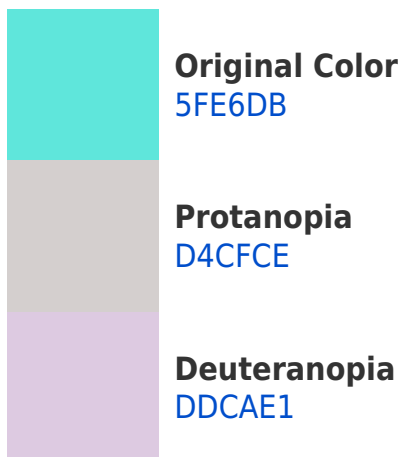


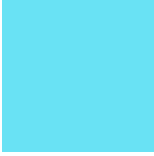
This preview shows how white text looks on a background with the Hex color 5FE6DB.

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
69E2F4

Trichromacy



Original Color
5FE6DB



Protanomaly
A9D7D3



Deuteranomaly
AFD4DF

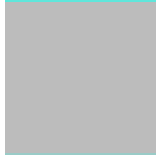


Tritanomaly
65E3EB

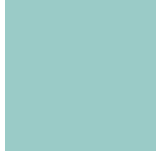
Monochromacy



Original Color
5FE6DB



Achromatopsia
BCBCBC



Achromatomaly
9ACBC7

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FE6DB 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 #5FE6DB looks like.

```
.text, #text, p{  
    color:#5FE6DB  
}
```

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 #5FE6DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FE6DB
}
```

Border

The CSS property to change the border of an element to Hex 5FE6DB 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
#5FE6DB }
```

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

```
.border{ border-color:#5FE6DB }
```

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

Here you see how a box with a 4 pixel #5FE6DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FE6DB; -webkit-box-shadow:4px 4px  
4px 4px #5FE6DB; box-shadow:4px 4px 4px  
4px #5FE6DB }
```

Background

The CSS property to change the background color of an element to Hex 5FE6DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FE6DB }
```

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

```
.background{ background-color:#5FE6DB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor