

Converting Colors

Hex(5DFFEB)

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

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Color

Hex(5DFFEB)

Conversions

Conversions Part 1

Format	Color
Hex	5DFFEB
RGB	93, 255, 235
RGB Percent	36%, 100%, 92%
CMY	0.6353, 0.0000, 0.0784
CMYK	0.64, 0.00, 0.08, 0.00
HSL	173°, 100%, 68%
HSV	173°, 64%, 100%
XYZ	55.2696, 79.8453, 91.0959
YIQ	204.2820, -90.1320, -40.5640

Conversions

Conversions Part 2

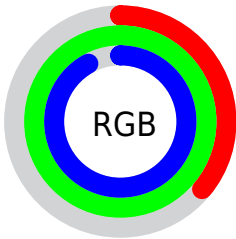
Format	Color
RYB	93, 179, 255
Decimal	6160363
CIELab	91.62, -46.52, -2.91
CIELCh	92, 46.614, 183.582
Yxy	79.8453, 0.2443, 0.3530
Android (android.graphics.Color)	4284350443 (0xFF5DFFEB)
YUV	204.2820, 15.1440, -97.5943
Hunter-Lab	89.3562, -45.9655, 2.1050

Details

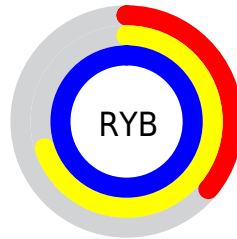
The Hex color **5DFFEB** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light muted cyan. A complement of this color would be **FF5D71**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **9FFFFFF**, and **00C5B3** is the 20% darker color. If you saturate the color by 10%, you get **43FFE8**, and if you desaturate by 10%, it is **77FFEE**.

Distribution



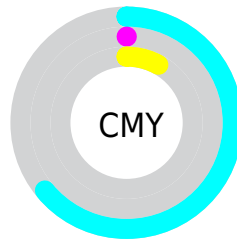
- Red (36%)
- Green (100%)
- Blue (92%)



- Red (36%)
- Yellow (70%)
- Blue (100%)



- Cyan (64%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)



- Cyan (64%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 5DFFEB

 5DFFEB

FFFFFF

 34E2CF


 9FFFFFF

 00C5B3

 BFFFFFF

 00AA99

 DEFFFF

 008F7F

FDFFFF

 007466

 005B4E

 004237

 002C22

 000C0C

 5DFFEB

 5DFFEB

 43FFE8

 77FFEE

 2AFFE5

 90FFF1

 10FFE2

 AAFFF4

 00FFE0

 C3FFF8

 DDFFFB

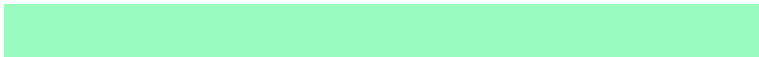
 F6FFFE

 FFFFFFFF

Harmonies

Analogous

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



9AFBBE



5DFFEB



2BFDFF

Triad

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



5DFFEB



F3D9FF



FFD798

Complementary

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



5DFFEB



FF5D71

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.



FFC9B8



5DFFEB



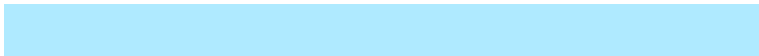
FFCBFF

Square

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



5DFFEB



AFEAFF



FFC4E3



FFE68D

Rectangle

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



5DFFEB



48F9FF



FFC4E3



FFD2A1

Sweetspot

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



5DFFEB



CFFFF9



73FF5D



62807C



000000



808080

Same Dimension

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



5DFFEB



3DFFE7



5DC4FF



73807E



00BFA8



004038

Inverse Universe

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



FF5D71



FF3D55



FF985D



807374



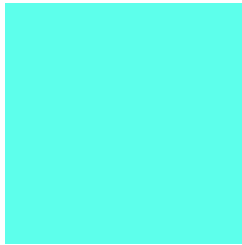
BF0018



400008

Previews

White Background



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

Color Contrast Check

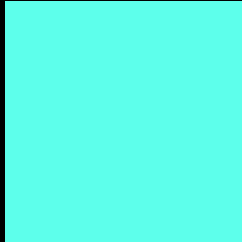
Large Text (above 18pt) WCAG AA × Fail

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 5DFFEB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

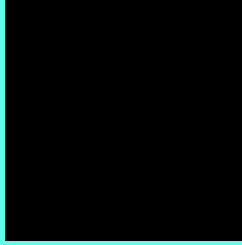
Any Text WCAG AA ✓ Pass

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 5DFFEB Background



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

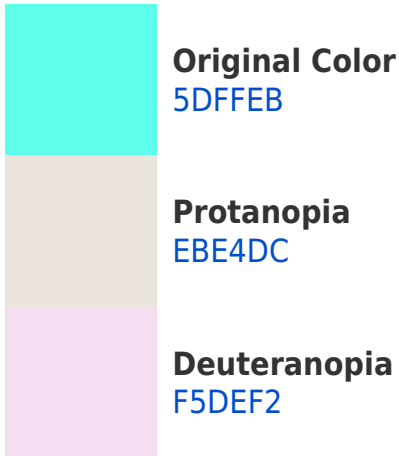


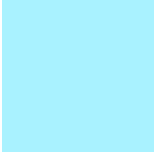
This preview shows how white text looks on a background with the Hex color 5DFFEB.

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](#).

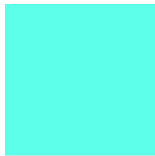
Dichromacy





Tritanopia
A9F2FF

Trichromacy



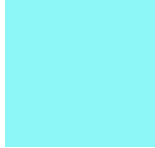
Original Color
5DFFEB



Protanomaly
B7EEE1



Deuteranomaly
BEEAEF

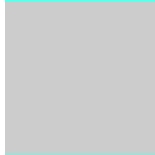


Tritanomaly
8DF7F8

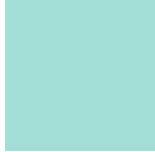
Monochromacy



Original Color
5DFFEB



Achromatopsia
CCCCCC



Achromatomaly
A4DFD7

CSS Examples

Text

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

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

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 #5DFFEB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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