

Converting Colors

Hex(5BDFCE)

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

Hex(5BDFCE)	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(5BDFCE)

Conversions

Conversions Part 1

Format	Color
Hex	5BDFCE
RGB	91, 223, 206
RGB Percent	36%, 87%, 81%
CMY	0.6431, 0.1255, 0.1922
CMYK	0.59, 0.00, 0.08, 0.13
HSL	172°, 67%, 62%
HSV	172°, 59%, 87%
XYZ	41.8426, 59.4557, 67.6633
YIQ	181.5940, -73.2150, -33.2710

Conversions

Conversions Part 2

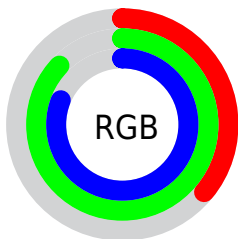
Format	Color
RYB	91, 162, 223
Decimal	6021070
CIELab	81.54, -40.08, -2.50
CIElCh	82, 40.153, 183.565
Yxy	59.4557, 0.2476, 0.3519
Android (android.graphics.Color)	4284211150 (0xFF5BDFCE)
YUV	181.5940, 12.0322, -79.4509
Hunter-Lab	77.1075, -38.0746, 1.9472

Details

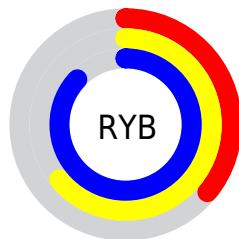
The Hex color **5BDFCE** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DF5B6C**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **99FFFF**, and **00A798** is the 20% darker color. If you saturate the color by 10%, you get **45DFCB**, and if you desaturate by 10%, it is **71DFD1**.

Distribution



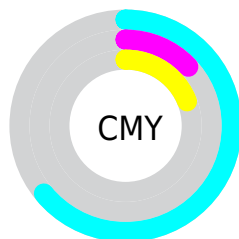
- Red (36%)
- Green (87%)
- Blue (81%)



- Red (36%)
- Yellow (64%)
- Blue (87%)



- Cyan (59%)
- Magenta (0%)
- Yellow (8%)
- Black (13%)



- Cyan (64%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 5BDFCE

 5BDFCE

FFFFFF

 38C3B3

 99FFFF

 00A798

 B7FFFF

 008C7E

 D5FFFF

 007265

 F3FFFF

 00594D

 004037

 002A21

 000B0B

 000000

 5BDFCE

 5BDFCE

 45DFCB

 71DFD1

 2EDFC8

 88DFD4

 18DFC5

 9EDFD7

 02DFC3

 B4DFD9

 00DFC2

 CBDFDC

 E1DFDF

 F7DFE2

 FFDFE5

 FFDFE8

Harmonies

Analogous

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



8ADCA8



5BDFCE



3CDEF3

Triad

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



5BDFCE



D5BFFF



FFBD88

Complementary

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



5BDFCE



DF5B6C

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.



FFB2A3



5BDFCE



FEB3ED

Square

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



5BDFCE



9DCDFF



FFAEC7



E0CA7F

Rectangle

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



5BDFCE



4EDAFF



FFAEC7



FFB98F

Sweetspot

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



5BDFCE



D1FFF9



6DDF5B



63807C



000000



808080

Same Dimension

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



5BDFCE



4AFFE8



5BAFDF



65706F



00B099



00302A

Inverse Universe

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



DF5B6C



FF4A61



DF8B5B



706566



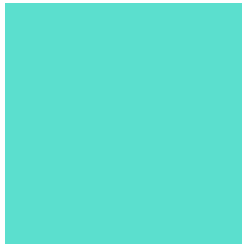
B00017



300006

Previews

White Background



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

Color Contrast Check

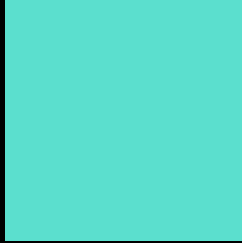
Large Text (above 18pt) WCAG AA × Fail

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 5BDFCE 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

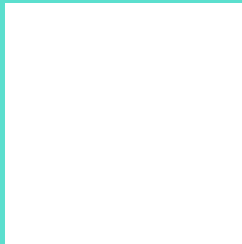
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5BDFCE Background



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

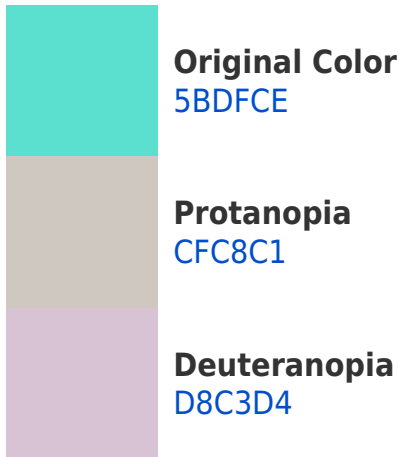


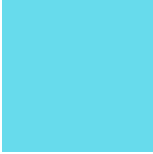
This preview shows how white text looks on a background with the Hex color 5BDFCE.

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



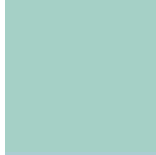


Tritanopia
67DBEC

Trichromacy



Original Color
5BDFCE



Protanomaly
A5D0C6



Deuteranomaly
ABCDD2

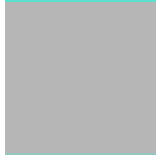


Tritanomaly
63DCE1

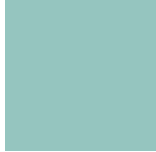
Monochromacy



Original Color
5BDFCE



Achromatopsia
B6B6B6



Achromatomaly
95C5BF

CSS Examples

Text

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

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

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 #5BDFCE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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