

Converting Colors

Hex(5BDBF7)

Have a look what the booklet for
Hex(5BDBF7) contains.

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Color

Hex(5BDBF7)

Conversions

Conversions Part 1

Format	Color
Hex	5BDBF7
RGB	91, 219, 247
RGB Percent	36%, 86%, 97%
CMY	0.6431, 0.1412, 0.0314
CMYK	0.63, 0.11, 0.00, 0.03
HSL	191°, 91%, 66%
HSV	191°, 63%, 97%
XYZ	46.4344, 59.6026, 97.0528
YIQ	183.9200, -85.2760, -18.4280

Conversions

Conversions Part 2

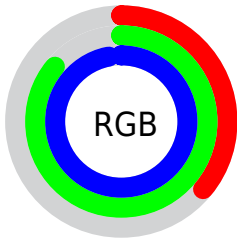
Format	Color
RYB	91, 161, 247
Decimal	6020087
CIELab	81.62, -26.99, -24.16
CIElCh	82, 36.225, 221.840
Yxy	59.6026, 0.2286, 0.2935
Android (android.graphics.Color)	4284210167 (0xFF5BDBF7)
YUV	183.9200, 31.0984, -81.4908
Hunter-Lab	77.2027, -27.7440, -20.4925

Details

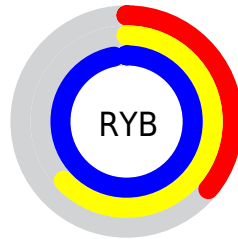
The Hex color **5BDBF7** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **F7775B**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **9BFFFF**, and **00A4BF** is the 20% darker color. If you saturate the color by 10%, you get **42D7F7**, and if you desaturate by 10%, it is **74DFF7**.

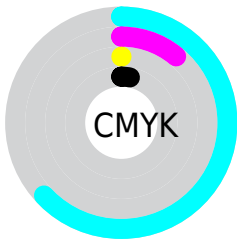
Distribution



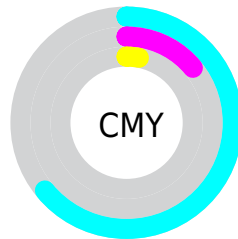
- Red (36%)
- Green (86%)
- Blue (97%)



- Red (36%)
- Yellow (63%)
- Blue (97%)



- Cyan (63%)
- Magenta (11%)
- Yellow (0%)
- Black (3%)



- Cyan (64%)
- Magenta (14%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BDBF7 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 5BDBF7 by changing the saturation by 10% instead.

 5BDBF7

 5BDBF7

FFFFFF

 35BFDA

 9BFFFF

 00A4BF

 BAFFFF

 0089A3

 D9FFFF

 007089

 F8FFFF

 005770

 003F57

 002940

 000E2A

 000114

■ 5BDBF7

■ 5BDBF7

■ 42D7F7

■ 74DFF7

■ 2AD2F7

■ 8CE4F7

■ 11CEF7

■ A5E8F7

■ 00CBF7

■ BEEDF7

■ D6F1F7

■ EFF6F7

■ FFFAF7

■ FFFEF7

■ FFFFF7

Harmonies

Analogous

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



63DED8



5BDBF7



7ED4FF

Triad

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



5BDBF7



FFB4E1



D5CD88

Complementary

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



5BDBF7



F7775B

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.



F4C28B



5BDBF7



FFB1BE

Square

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



5BDBF7



E0BDFE



FFB79F



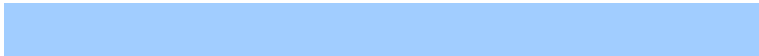
AFD697

Rectangle

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



5BDBF7



A1CFFF



FFB79F



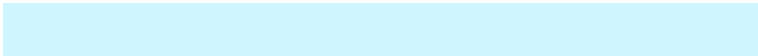
E0C987

Sweetspot

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



5BDBF7



CFF6FF



5BF775



627A80



000000



808080

Same Dimension

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



5BDBF7



3DDCFF



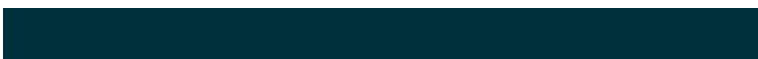
5B8FF7



6E787A



0099BA



00303B

Inverse Universe

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



F75BDB



FF3DDC



F7C35B



7A6E78



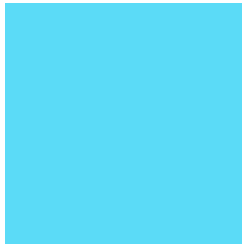
BA0099



3B0030

Previews

White Background



This preview shows how the Hex color 5BDBF7 looks on a white background.

Color Contrast Check

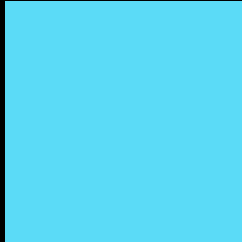
Large Text (above 18pt) WCAG AA × Fail

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 5BDBF7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

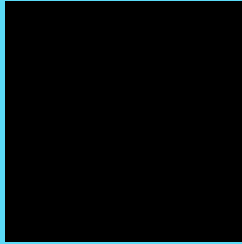
Any Text WCAG AA ✓ Pass

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 5BDBF7 Background



This preview shows how black text looks on a background with the Hex color 5BDBF7.

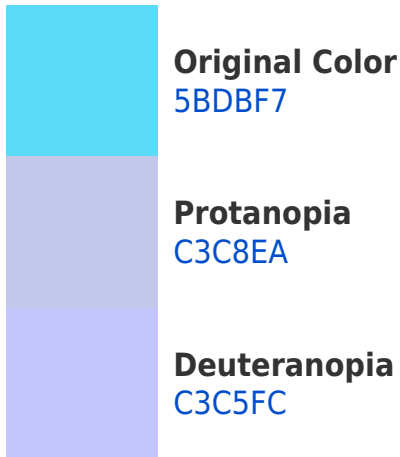


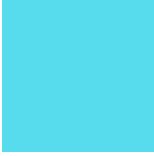
This preview shows how white text looks on a background with the Hex color 5BDBF7.

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](#).

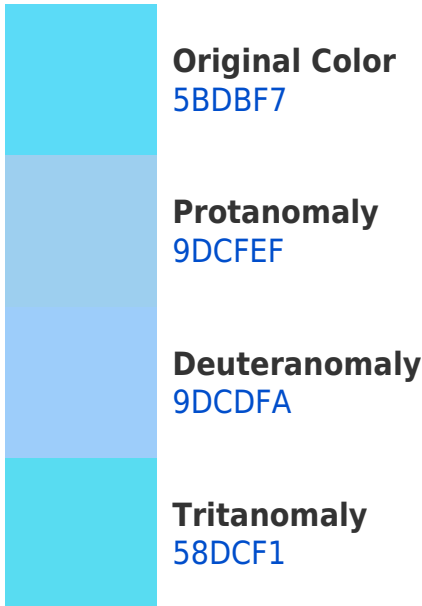
Dichromacy



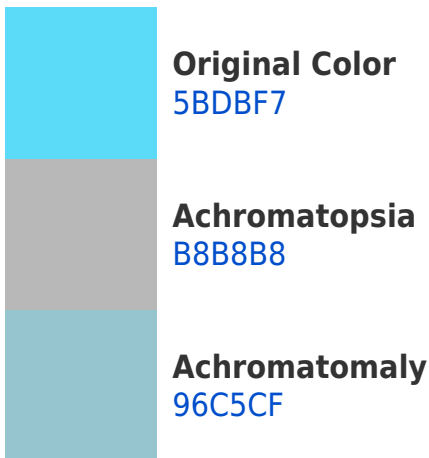


Tritanopia
57DCEE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BDBF7 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 #5BDBF7 looks like.

```
.text, #text, p{  
    color:#5BDBF7  
}
```

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 #5BDBF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BDBF7  
}
```

Border

The CSS property to change the border of an element to Hex 5BDBF7 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  
#5BDBF7 }
```

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

```
.border{ border-color:#5BDBF7 }
```

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

Here you see how a box with a 4 pixel #5BDBF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BDBF7; -webkit-box-shadow:4px 4px  
4px 4px #5BDBF7; box-shadow:4px 4px 4px  
4px #5BDBF7 }
```

Background

The CSS property to change the background color of an element to Hex 5BDBF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BDBF7 }
```

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

```
.background{ background-color:#5BDBF7 }
```

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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