

Converting Colors

Hex(5BD4F3)

Have a look what the booklet for
Hex(5BD4F3) contains.

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Color

Hex(5BD4F3)

Conversions

Conversions Part 1

Format	Color
Hex	5BD4F3
RGB	91, 212, 243
RGB Percent	36%, 83%, 95%
CMY	0.6431, 0.1686, 0.0471
CMYK	0.63, 0.13, 0.00, 0.05
HSL	192°, 86%, 65%
HSV	192°, 63%, 95%
XYZ	44.0355, 55.7822, 93.2401
YIQ	179.3550, -82.0670, -16.0110

Conversions

Conversions Part 2

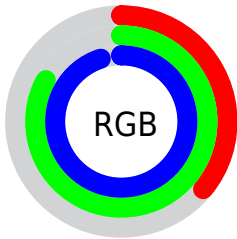
Format	Color
R _Y B	91, 158, 243
Decimal	6018291
CIE Lab	79.49, -24.70, -25.29
CIE LCh	79, 35.347, 225.671
Yxy	55.7822, 0.2281, 0.2889
Android (android.graphics.Color)	4284208371 (0xFF5BD4F3)
YUV	179.3550, 31.3770, -77.4873
Hunter-Lab	74.6875, -25.4600, -21.7367

Details

The Hex color **5BD4F3** 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 **F37A5B**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **9AFFFF**, and **009DBB** is the 20% darker color. If you saturate the color by 10%, you get **43CFF3**, and if you desaturate by 10%, it is **73D9F3**.

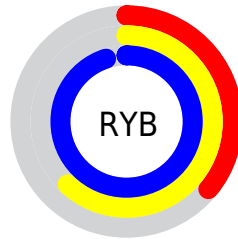
Distribution



Red (36%)

Green (83%)

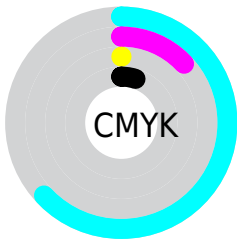
Blue (95%)



Red (36%)

Yellow (62%)

Blue (95%)

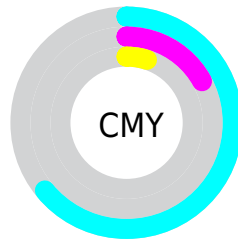


Cyan (63%)

Magenta (13%)

Yellow (0%)

Black (5%)



Cyan (64%)

Magenta (17%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BD4F3 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 5BD4F3 by changing the saturation by 10% instead.

5BD4F3

5BD4F3

FFFFFF

36B8D7

9AFFFF

009DBB

B9FFFF

0083A0

D8FFFF

006985

F6FFFF

00516C

003A54

00243C

000327

000110

■ 5BD4F3

■ 5BD4F3

■ 43CFF3

■ 73D9F3

■ 2ACAF3

■ 8CDEF3

■ 12C5F3

■ A4E3F3

■ 00C1F3

■ BCE8F3

■ D4EDF3

■ EDF2F3

■ FFF7F3

■ FFFCF3

■ FFFFF3

Harmonies

Analogous

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



5DD7D6



5BD4F3



81CDFE

Triad

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



5BD4F3



FCAED6



CAC885

Complementary

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



5BD4F3



F37A5B

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.



EABD86



5BD4F3



FFADB5

Square

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



5BD4F3



DFB6F3



FFB397



A5D196

Rectangle

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



5BD4F3



A2C6FF



FFB397



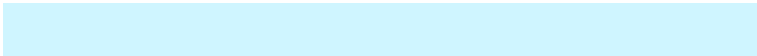
D6C583

Sweetspot

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



5BD4F3



CFF5FF



5BF379



627A80



000000



808080

Same Dimension

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



5BD4F3



40D8FF



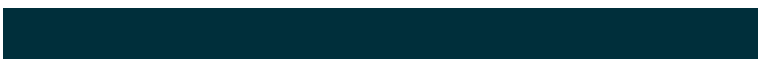
5B89F3



6E787A



0094BA



002F3B

Inverse Universe

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



F35BD4



FF40D8



F3C55B



7A6E78



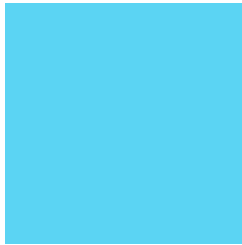
BA0094



3B002F

Previews

White Background



This preview shows how the Hex color 5BD4F3 looks on a white background.

Color Contrast Check

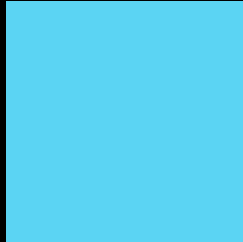
Large Text (above 18pt) WCAG AA × Fail

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 5BD4F3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

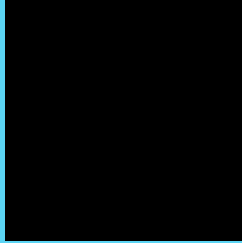
Any Text WCAG AA ✓ Pass

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 5BD4F3 Background



This preview shows how black text looks on a background with the Hex color 5BD4F3.

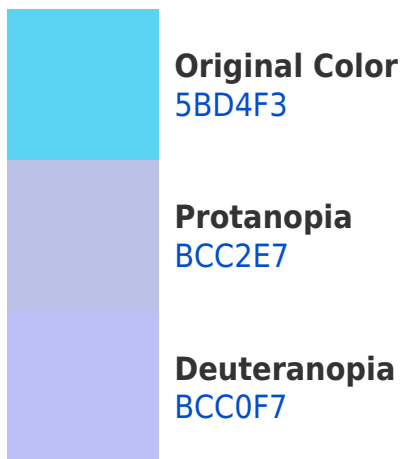


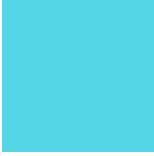
This preview shows how white text looks on a background with the Hex color 5BD4F3.

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](#).

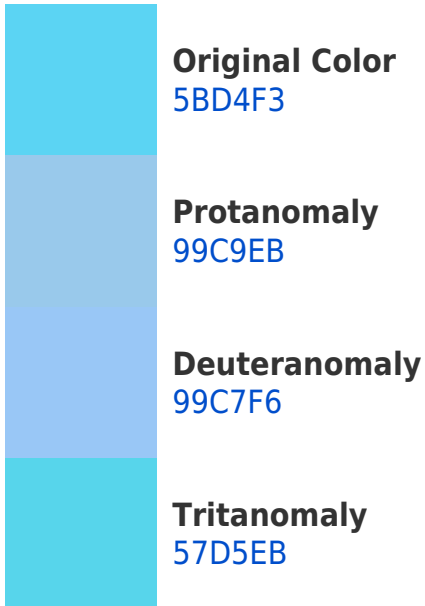
Dichromacy



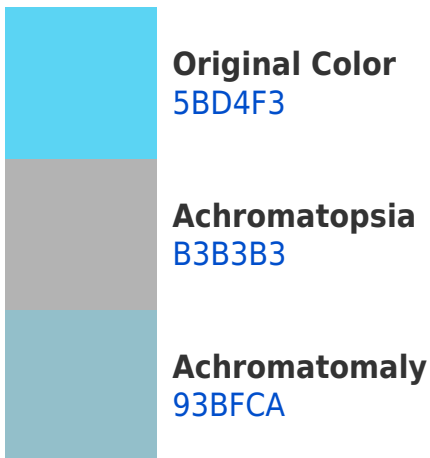


Tritanopia
55D6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BD4F3 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 #5BD4F3 looks like.

```
.text, #text, p{  
    color:#5BD4F3  
}
```

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 #5BD4F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BD4F3
}
```

Border

The CSS property to change the border of an element to Hex 5BD4F3 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
#5BD4F3 }
```

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

```
.border{ border-color:#5BD4F3 }
```

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

Here you see how a box with a 4 pixel #5BD4F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BD4F3; -webkit-box-shadow:4px 4px  
4px 4px #5BD4F3; box-shadow:4px 4px 4px  
4px #5BD4F3 }
```

Background

The CSS property to change the background color of an element to Hex 5BD4F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BD4F3 }
```

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

```
.background{ background-color:#5BD4F3 }
```

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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