

Converting Colors

Hex(5DBDFF)

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

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Color

Hex(5DBDFF)

Conversions

Conversions Part 1

Format	Color
Hex	5DBDFF
RGB	93, 189, 255
RGB Percent	36%, 74%, 100%
CMY	0.6353, 0.2588, 0.0000
CMYK	0.64, 0.26, 0.00, 0.00
HSL	204°, 100%, 68%
HSV	204°, 64%, 100%
XYZ	40.7618, 45.9423, 101.3271
YIQ	167.8200, -78.4020, 0.1740

Conversions

Conversions Part 2

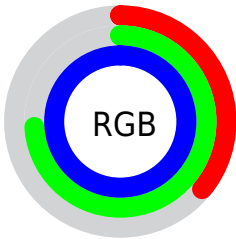
Format	Color
R _Y B	93, 153, 255
Decimal	6143487
CIE Lab	73.51, -8.75, -40.94
CIE LCh	74, 41.863, 257.932
Yxy	45.9423, 0.2168, 0.2443
Android (android.graphics.Color)	4284333567 (0xFF5DBDFF)
YUV	167.8200, 42.9797, -65.6171
Hunter-Lab	67.7808, -11.2706, -41.1875

Details

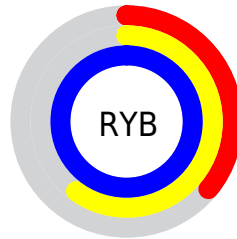
The Hex color **5DBDFF** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **FF9F5D**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **9CF5FF**, and **0088C6** is the 20% darker color. If you saturate the color by 10%, you get **43B3FF**, and if you desaturate by 10%, it is **77C7FF**.

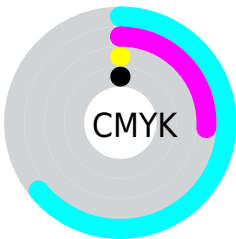
Distribution



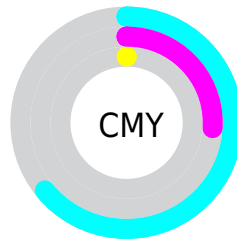
- Red (36%)
- Green (74%)
- Blue (100%)



- Red (36%)
- Yellow (60%)
- Blue (100%)



- Cyan (64%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 5DBDFF

 5DBDFF

FFFFFF

 38A2E2

 9CF5FF

 0088C6

 BBFFFF

 006FAA

 D9FFFF


 005690

 F8FFFF

 003F76

 002A5D

 001645

 00042E

 000118

■ 5DBDFF

■ 5DBDFF

■ 43B3FF

■ 77C7FF

■ 2AA8FF

■ 90D2FF

■ 109EFF

■ AADCFF

■ 0097FF

■ C3E7FF

■ DDF1FF

■ F6FBFF

FFFFFF

Harmonies

Analogous

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



00C5EC



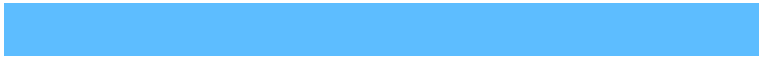
5DBDFF



A1B0FD

Triad

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



5DBDFF



FF979F



8BC380

Complementary

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



5DBDFF



FF9F5D

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.



B6BA6A



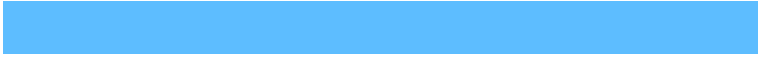
5DBDFF



F5A07D

Square

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



5DBDFF



F598C6



DBAD69



57C8A3

Rectangle

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



5DBDFF



C6A7F1



DBAD69



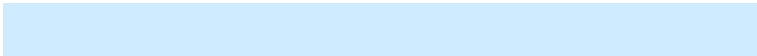
9AC077

Sweetspot

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



5DBDFF



CFEBFF



5DFF9E



627480



000000



808080

Same Dimension

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



5DBDFF



3DB0FF



5D6DFF



737A80



0071BF



002640

Inverse Universe

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



FF5DBD



FF3DB0



FFEF5D



80737A



BF0071



400026

Previews

White Background



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

Color Contrast Check

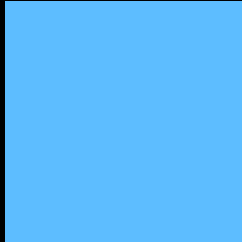
Large Text (above 18pt) WCAG AA × Fail

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 5DBDFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

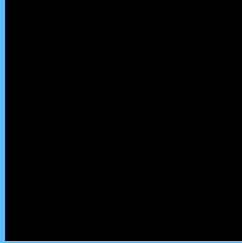
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

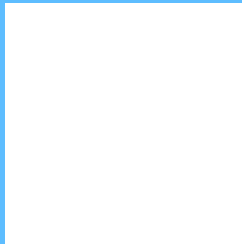
Any Text WCAG AAA ✓ Pass

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

Hex 5DBDFF Background



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

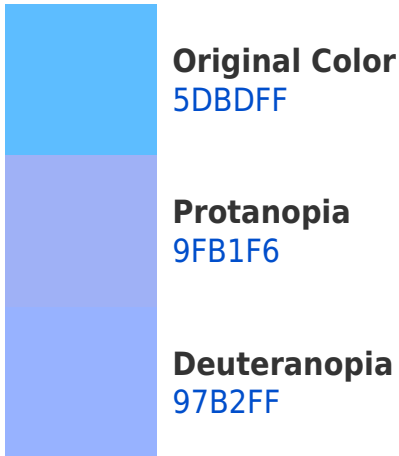


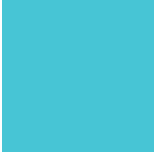
This preview shows how white text looks on a background with the Hex color 5DBDFF.

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](#).

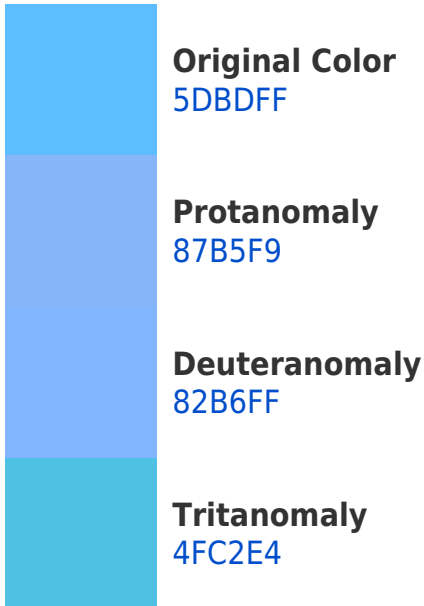
Dichromacy



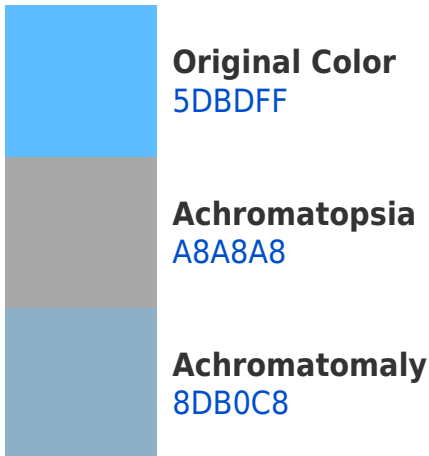


Tritanopia
47C5D5

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #5DBDFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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