

Converting Colors

Hex(5DAFF0)

Have a look what the booklet for
Hex(5DAFF0) contains.

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Color

Hex(5DAFF0)

Conversions

Conversions Part 1

Format	Color
Hex	5DAFF0
RGB	93, 175, 240
RGB Percent	36%, 69%, 94%
CMY	0.6353, 0.3137, 0.0588
CMYK	0.61, 0.27, 0.00, 0.06
HSL	207°, 83%, 65%
HSV	207°, 61%, 94%
XYZ	35.5723, 39.2784, 88.1447
YIQ	157.8920, -69.7370, 2.8310

Conversions

Conversions Part 2

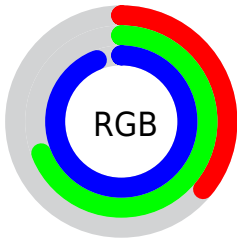
Format	Color
R _Y B	93, 146, 240
Decimal	6139888
CIE Lab	68.95, -5.85, -39.93
CIE LCh	69, 40.355, 261.666
Yxy	39.2784, 0.2182, 0.2410
Android (android.graphics.Color)	4284329968 (0xFF5DAFF0)
YUV	157.8920, 40.4792, -56.9103
Hunter-Lab	62.6725, -8.3617, -39.5168

Details

The Hex color **5DAFF0** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **F09E5D**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **9AE6FF**, and **007BB8** is the 20% darker color. If you saturate the color by 10%, you get **45A4F0**, and if you desaturate by 10%, it is **75BAF0**.

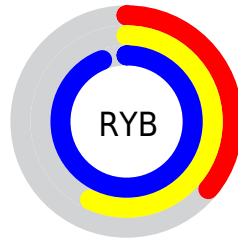
Distribution



Red (36%)

Green (69%)

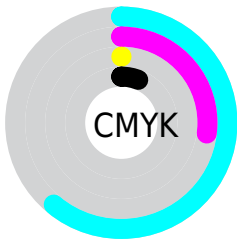
Blue (94%)



Red (36%)

Yellow (57%)

Blue (94%)

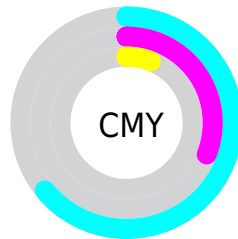


Cyan (61%)

Magenta (27%)

Yellow (0%)

Black (6%)



Cyan (64%)

Magenta (31%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DAFF0 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 5DAFF0 by changing the saturation by 10% instead.

■ 5DAFF0

■ 5DAFF0

FFFFFF

■ 3B94D3

■ 9AE6FF

■ 007BB8

■ B8FFFF

■ 00629D

■ D6FFFF

■ 004B82

■ F5FFFF

■ 003469

■ 002050

■ 000539

■ 000222

■ 000009

 5DAFF0

 5DAFF0

 45A4F0

 75BAF0

 2D9AF0

 8DC4F0

 158FF0

 A5CFF0

 0086F0

 BDD9F0

 D5E4F0

 EDEFF0

 FFF9F0

 FFFFF0

Harmonies

Analogous

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



00B7E1



5DAFF0



9DA3EC

Triad

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



5DAFF0



EF8D8F



7BB77A

Complementary

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



5DAFF0



F09E5D

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.



A5AE63



5DAFF0



E39670

Square

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



5DAFF0



E88CB4



C9A35F



47BB9C

Rectangle

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



5DAFF0



BF99DF



C9A35F



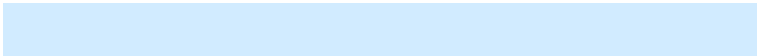
8AB470

Sweetspot

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



5DAFF0



D1EBFF



5DF09D



637380



000000



808080

Same Dimension

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



5DAFF0



42ACFF



5D67F0



6C7378



0066B8



001F38

Inverse Universe

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



F05DAF



FF42AC



F0E65D



786C73



B80066



38001F

Previews

White Background



This preview shows how the Hex color 5DAFF0 looks on a white background.

Color Contrast Check

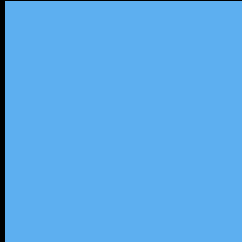
Large Text (above 18pt) WCAG AA × Fail

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 5DAFF0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

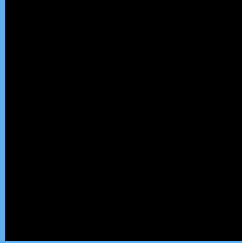
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

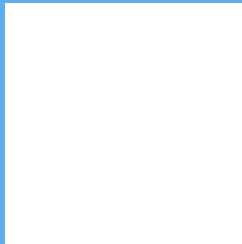
Any Text WCAG AAA ✓ Pass

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

Hex 5DAFF0 Background



This preview shows how black text looks on a background with the Hex color 5DAFF0.

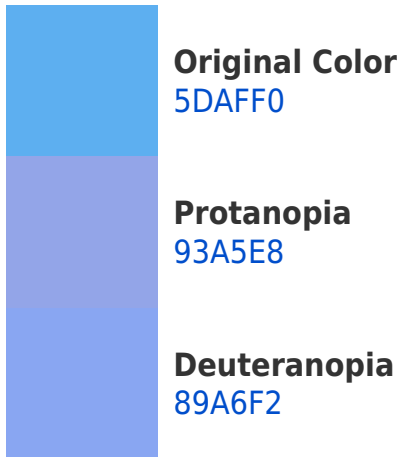


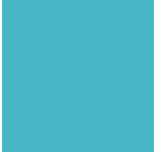
This preview shows how white text looks on a background with the Hex color 5DAFF0.

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](#).

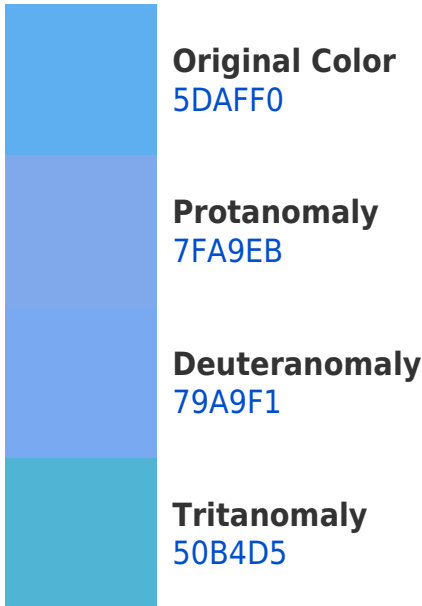
Dichromacy





Tritanopia
49B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DAFF0 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 #5DAFF0 looks like.

```
.text, #text, p{  
    color:#5DAFF0  
}
```

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 #5DAFF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DAFF0
}
```

Border

The CSS property to change the border of an element to Hex 5DAFF0 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
#5DAFF0 }
```

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

```
.border{ border-color:#5DAFF0 }
```

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

Here you see how a box with a 4 pixel #5DAFF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DAFF0; -webkit-box-shadow:4px 4px  
4px 4px #5DAFF0; box-shadow:4px 4px 4px  
4px #5DAFF0 }
```

Background

The CSS property to change the background color of an element to Hex 5DAFF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DAFF0 }
```

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

```
.background{ background-color:#5DAFF0 }
```

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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