

Converting Colors

Hex(5DAFDF)

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

Hex(5DAFDF)	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(5DAFDF)

Conversions

Conversions Part 1

Format	Color
Hex	5DAFDF
RGB	93, 175, 223
RGB Percent	36%, 69%, 87%
CMY	0.6353, 0.3137, 0.1255
CMYK	0.58, 0.22, 0.00, 0.13
HSL	202°, 67%, 62%
HSV	202°, 58%, 87%
XYZ	33.1635, 38.3148, 75.4596
YIQ	155.9540, -64.2800, -2.4560

Conversions

Conversions Part 2

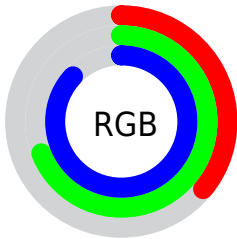
Format	Color
R _Y B	93, 143, 223
Decimal	6139871
CIE Lab	68.25, -11.15, -31.73
CIE LCh	68, 33.631, 250.630
Yxy	38.3148, 0.2257, 0.2608
Android (android.graphics.Color)	4284329951 (0xFF5DAFDF)
YUV	155.9540, 33.0537, -55.2107
Hunter-Lab	61.8990, -12.6887, -28.9498

Details

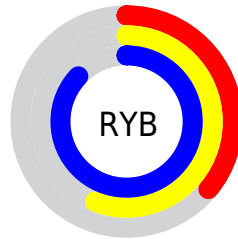
The Hex color **5DAFDF** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **DF8D5D**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **98E6FF**, and **107BA8** is the 20% darker color. If you saturate the color by 10%, you get **47A7DF**, and if you desaturate by 10%, it is **73B7DF**.

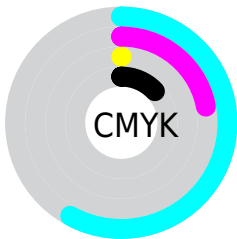
Distribution



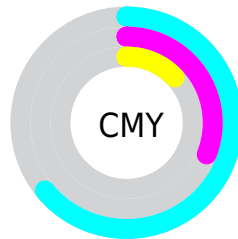
- Red (36%)
- Green (69%)
- Blue (87%)



- Red (36%)
- Yellow (56%)
- Blue (87%)



- Cyan (58%)
- Magenta (22%)
- Yellow (0%)
- Black (13%)



- Cyan (64%)
- Magenta (31%)
- Yellow (13%)

Brightness & Saturation Gradients

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

■ 5DAFDF

■ 5DAFDF

FFFFFF

■ 3D94C3

■ 98E6FF

■ 107BA8

■ B6FFFF

■ 00628D

■ D3FFFF

■ 004A73

■ F1FFFF

■ 00345B

■ 001F43

■ 00032C

■ 000117

■ 000000

■ 5DAFDF

■ 5DAFDF

■ 47A7DF

■ 73B7DF

■ 309FDF

■ 8ABFDF

■ 1A96DF

■ A0C8DF

■ 048EDF

■ B6D0DF

■ 008DDF

■ CDD8DF

■ E3E0DF

■ F9E9DF

■ FFF1DF

■ FFF9DF

Harmonies

Analogous

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



3AB5CD



5DAFDF



8DA6E2

Triad

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



5DAFDF



E28F9D



8FB077

Complementary

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



5DAFDF



DF8D5D

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.



B0A86A



5DAFDF



DE9480

Square

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



5DAFDF



D592BB



CC9E6E



6AB591

Rectangle

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



5DAFDF



AB9EDB



CC9E6E



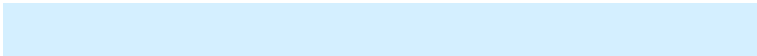
9AAE71

Sweetspot

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



5DAFDF



D4EFFF



5DDF8D



667680



000000



808080

Same Dimension

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



5DAFDF



4DBDFF



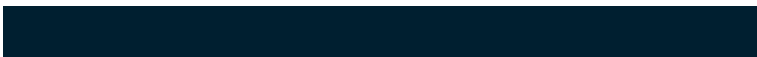
5D6EDF



656C70



006FB0



001F30

Inverse Universe

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



DF5DAF



FF4DBD



DFCE5D



70656C



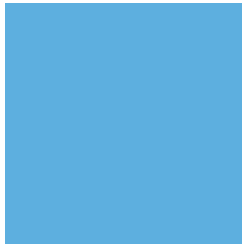
B0006F



30001F

Previews

White Background



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

Color Contrast Check

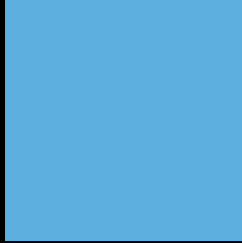
Large Text (above 18pt) WCAG AA × Fail

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 5DAFDF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

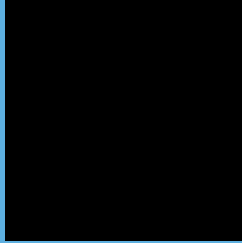
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

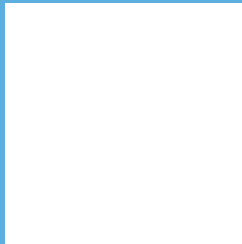
Any Text WCAG AAA ✓ Pass

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

Hex 5DAFDF Background



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

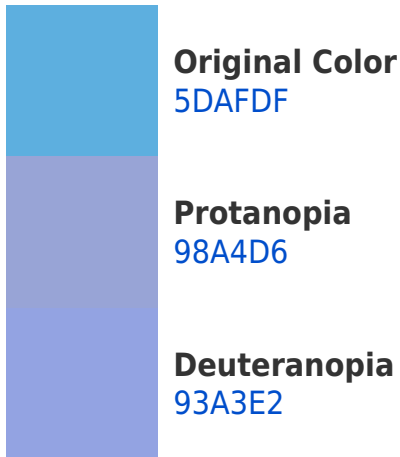


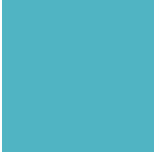
This preview shows how white text looks on a background with the Hex color 5DAFDF.

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](#).

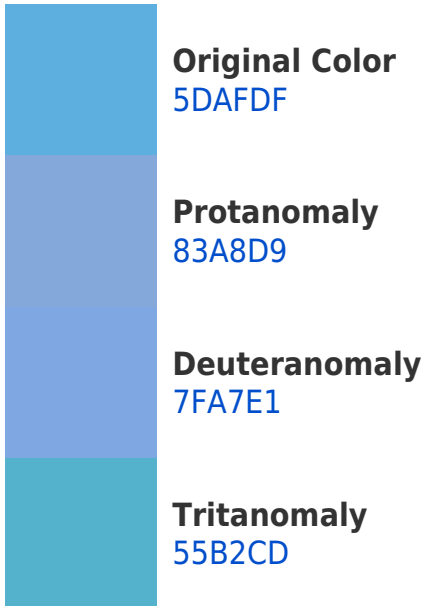
Dichromacy



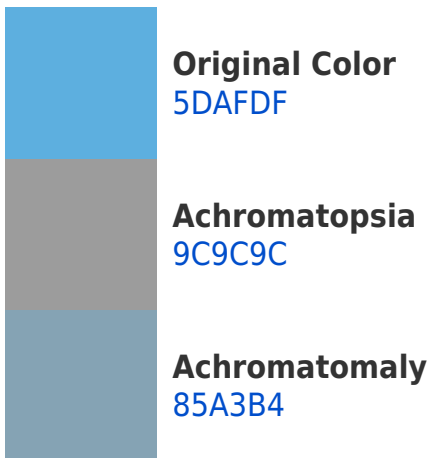


Tritanopia
51B4C3

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #5DAFDF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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