

Converting Colors

Hex(51DAF3)

Have a look what the booklet for
Hex(51DAF3) contains.

Hex(51DAF3)	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(51DAF3)

Conversions

Conversions Part 1

Format	Color
Hex	51DAF3
RGB	81, 218, 243
RGB Percent	32%, 85%, 95%
CMY	0.6824, 0.1451, 0.0471
CMYK	0.67, 0.10, 0.00, 0.05
HSL	189°, 87%, 64%
HSV	189°, 67%, 95%
XYZ	44.6424, 58.3632, 93.7063
YIQ	179.8870, -89.6770, -21.2690

Conversions

Conversions Part 2

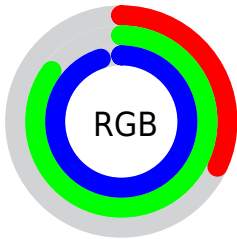
Format	Color
R _Y B	81, 155, 243
Decimal	5364467
CIE Lab	80.94, -29.18, -23.10
CIE LCh	81, 37.220, 218.364
Yxy	58.3632, 0.2269, 0.2967
Android (android.graphics.Color)	4283554547 (0xFF51DAF3)
YUV	179.8870, 31.1147, -86.7239
Hunter-Lab	76.3958, -29.3850, -19.2475

Details

The Hex color **51DAF3** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **F36A51**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **93FFFF**, and **00A3BB** is the 20% darker color. If you saturate the color by 10%, you get **39D6F3**, and if you desaturate by 10%, it is **69DEF3**.

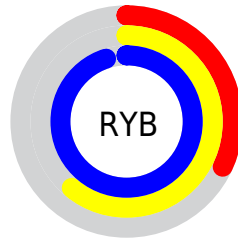
Distribution



Red (32%)

Green (85%)

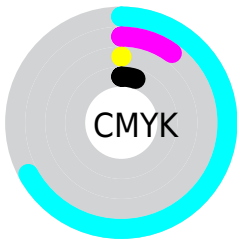
Blue (95%)



Red (32%)

Yellow (61%)

Blue (95%)

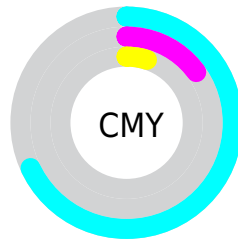


Cyan (67%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (68%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51DAF3 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 51DAF3 by changing the saturation by 10% instead.

 51DAF3

 51DAF3

FFFFFF

 25BED7

 93FFFF

 00A3BB

 B3FFFF

 0088A0

 D2FFFF

 006E86

 F1FFFF

 00566C

 003E54

 00283D

 000927

 000111

■ 51DAF3

■ 51DAF3

■ 39D6F3

■ 69DEF3

■ 20D3F3

■ 82E1F3

■ 08CFF3

■ 9AE5F3

■ 00CEF3

■ B2E9F3

■ CBEDF3

■ E3F0F3

■ FBF4F3

■ FFF8F3

■ FFFCF3

Harmonies

Analogous

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



60DCD2



51DAF3



73D4FF

Triad

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



51DAF3



FDB2E3



D7CA84

Complementary

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



51DAF3



F36A51

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.



F6BE89



51DAF3



FFAFC0

Square

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



51DAF3



DABDFF



FFB39F



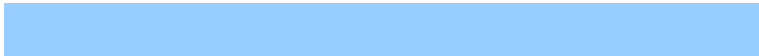
B1D491

Rectangle

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



51DAF3



97CDFE



FFB39F



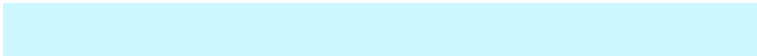
E3C683

Sweetspot

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



51DAF3



CCF7FF



51F369



617B80



000000



808080

Same Dimension

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



51DAF3



33E0FF



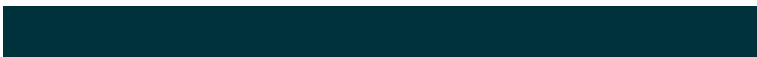
518AF3



6E797A



009DBA



00323B

Inverse Universe

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



F351DA



FF33E0



F3BA51



7A6E79



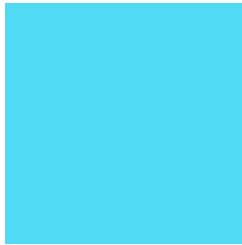
BA009D



3B0032

Previews

White Background



This preview shows how the Hex color 51DAF3 looks on a white background.

Color Contrast Check

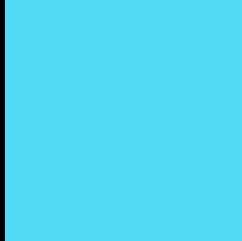
Large Text (above 18pt) WCAG AA × Fail

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 51DAF3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

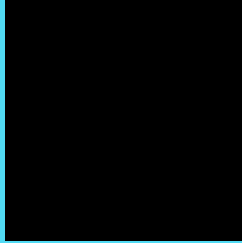
Any Text WCAG AA ✓ Pass

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 51DAF3 Background



This preview shows how black text looks on a background with the Hex color 51DAF3.

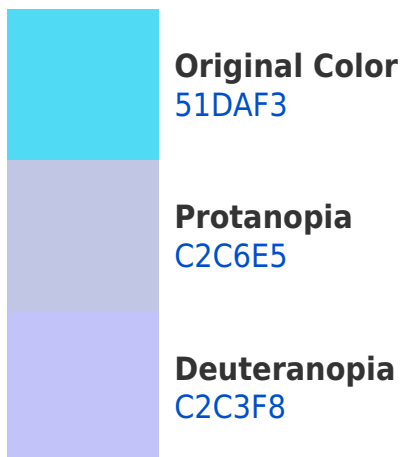


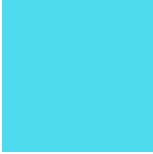
This preview shows how white text looks on a background with the Hex color 51DAF3.

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](#).

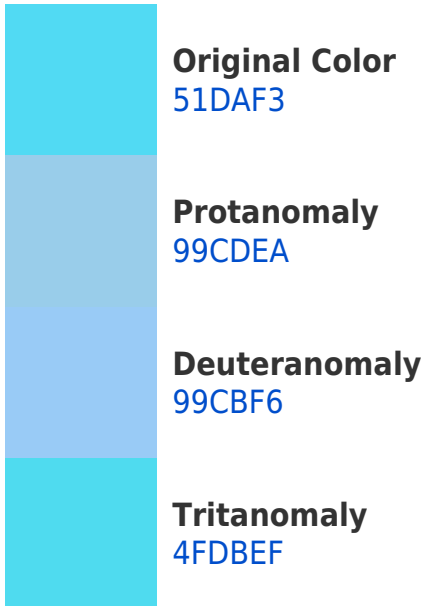
Dichromacy



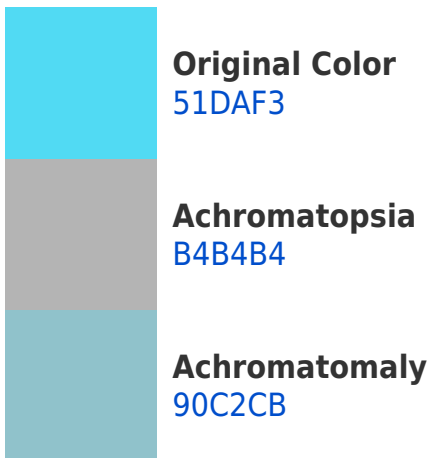


Tritanopia
4EDBED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51DAF3 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 #51DAF3 looks like.

```
.text, #text, p{  
    color:#51DAF3  
}
```

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 #51DAF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51DAF3  
}
```

Border

The CSS property to change the border of an element to Hex 51DAF3 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  
#51DAF3 }
```

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

```
.border{ border-color:#51DAF3 }
```

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

Here you see how a box with a 4 pixel #51DAF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51DAF3; -webkit-box-shadow:4px 4px  
4px 4px #51DAF3; box-shadow:4px 4px 4px  
4px #51DAF3 }
```

Background

The CSS property to change the background color of an element to Hex 51DAF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51DAF3 }
```

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

```
.background{ background-color:#51DAF3 }
```

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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