

Converting Colors

Hex(51D1DF)

Have a look what the booklet for
Hex(51D1DF) contains.

Hex(51D1DF)	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(51D1DF)

Conversions

Conversions Part 1

Format	Color
Hex	51D1DF
RGB	81, 209, 223
RGB Percent	32%, 82%, 87%
CMY	0.6824, 0.1804, 0.1255
CMYK	0.64, 0.06, 0.00, 0.13
HSL	186°, 69%, 60%
HSV	186°, 64%, 87%
XYZ	39.5131, 52.6780, 77.8973
YIQ	172.3240, -80.7820, -22.7820

Conversions

Conversions Part 2

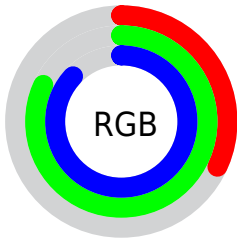
Format	Color
RYB	81, 148, 223
Decimal	5362143
CIELab	77.68, -30.64, -17.35
CIELCh	78, 35.216, 209.518
Yxy	52.6780, 0.2323, 0.3097
Android (android.graphics.Color)	4283552223 (0xFF51D1DF)
YUV	172.3240, 24.9833, -80.0911
Hunter-Lab	72.5796, -29.8370, -12.8283

Details

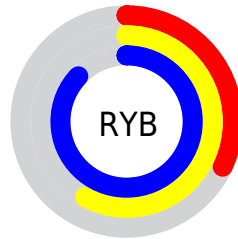
The Hex color **51D1DF** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **DF5F51**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **91FFFF**, and **009AA8** is the 20% darker color. If you saturate the color by 10%, you get **3BCFDF**, and if you desaturate by 10%, it is **67D3DF**.

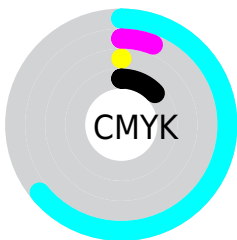
Distribution



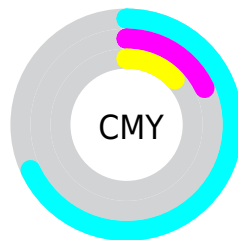
- Red (32%)
- Green (82%)
- Blue (87%)



- Red (32%)
- Yellow (58%)
- Blue (87%)



- Cyan (64%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



- Cyan (68%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51D1DF 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 51D1DF by changing the saturation by 10% instead.

 51D1DF

 51D1DF

FFFFFF

 29B5C3

 91FFFF

 009AA8

 AFFFFFFF

 00808D

 CEFFFF

 006674

 ECFFFF

 004E5B

 003644

 00232D

 000119

 000000

 51D1DF

 51D1DF

 3BCFDF

 67D3DF

 24CDDF

 7ED5DF

 0ECADF

 94D8DF

 00C9DF

 AADADF

 C1DCDF

 D7DEDF

 EDE0DF

 FFE3DF

 FFE5DF

Harmonies

Analogous

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



68D2BE



51D1DF



64CCF7

Triad

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



51D1DF



E9ADE2



D7BE7E

Complementary

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



51D1DF



DF5F51

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.



F2B389



51D1DF



FEA7C2

Square

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



51D1DF



C4B8F9



FFAAA1



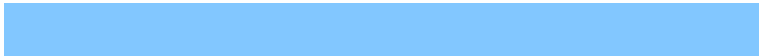
B5C886

Rectangle

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



51D1DF



82C7FF



FFAAA1



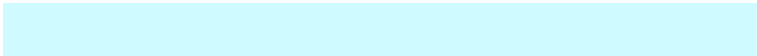
E1BA80

Sweetspot

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



51D1DF



CFFAFF



51DF5D



627D80



000000



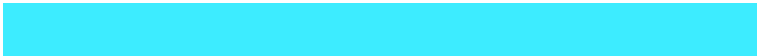
808080

Same Dimension

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



51D1DF



3DECFE



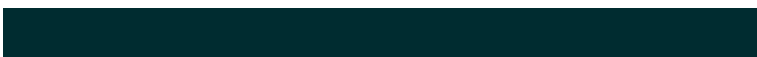
518CDF



656F70



009FB0



002C30

Inverse Universe

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



DF51D1



FF3DEC



DFA451



70656F



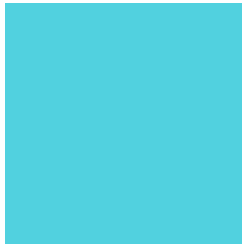
B0009F



30002C

Previews

White Background



This preview shows how the Hex color 51D1DF looks on a white background.

Color Contrast Check

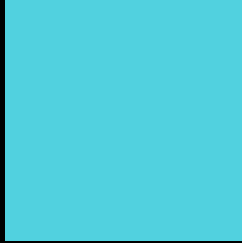
Large Text (above 18pt) WCAG AA × Fail

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 51D1DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

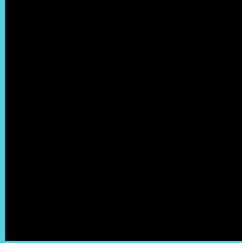
Any Text WCAG AA ✓ Pass

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 51D1DF Background



This preview shows how black text looks on a background with the Hex color 51D1DF.

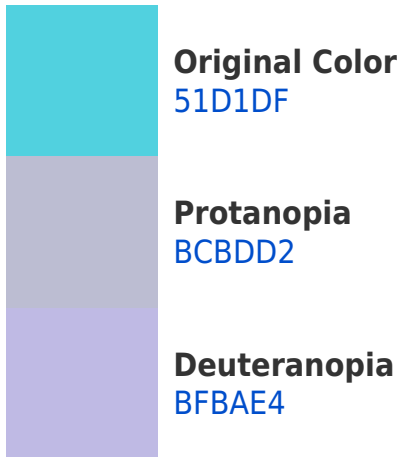


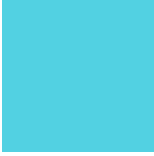
This preview shows how white text looks on a background with the Hex color 51D1DF.

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](#).

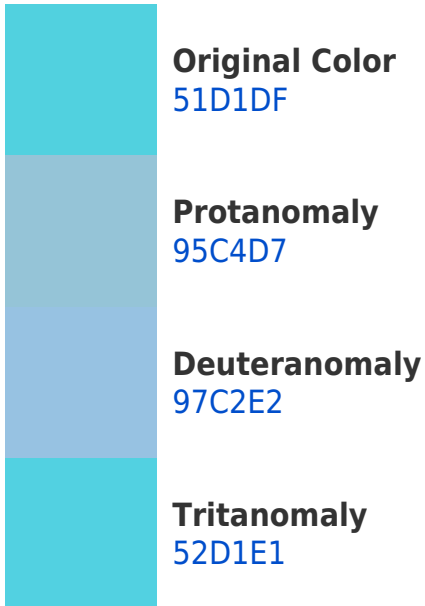
Dichromacy



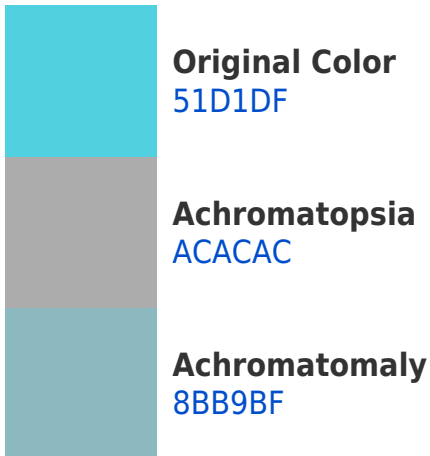


Tritanopia
52D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51D1DF 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 #51D1DF looks like.

```
.text, #text, p{  
    color:#51D1DF  
}
```

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 #51D1DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51D1DF
}
```

Border

The CSS property to change the border of an element to Hex 51D1DF 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
#51D1DF }
```

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

```
.border{ border-color:#51D1DF }
```

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

Here you see how a box with a 4 pixel #51D1DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51D1DF; -webkit-box-shadow:4px 4px  
4px 4px #51D1DF; box-shadow:4px 4px 4px  
4px #51D1DF }
```

Background

The CSS property to change the background color of an element to Hex 51D1DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51D1DF }
```

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

```
.background{ background-color:#51D1DF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor