

Converting Colors

Hex(51DDF2)

Have a look what the booklet for
Hex(51DDF2) contains.

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Color

Hex(51DDF2)

Conversions

Conversions Part 1

Format	Color
Hex	51DDF2
RGB	81, 221, 242
RGB Percent	32%, 87%, 95%
CMY	0.6824, 0.1333, 0.0510
CMYK	0.67, 0.09, 0.00, 0.05
HSL	188°, 86%, 63%
HSV	188°, 67%, 95%
XYZ	45.2768, 59.8730, 93.1747
YIQ	181.5340, -90.1810, -23.1490

Conversions

Conversions Part 2

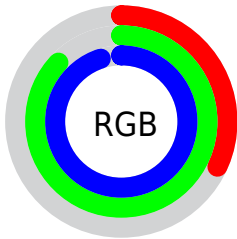
Format	Color
R _Y B	81, 156, 242
Decimal	5365234
CIE Lab	81.77, -30.92, -21.31
CIE LCh	82, 37.556, 214.573
Yxy	59.8730, 0.2283, 0.3019
Android (android.graphics.Color)	4283555314 (0xFF51DDF2)
YUV	181.5340, 29.8097, -88.1683
Hunter-Lab	77.3777, -30.9634, -17.2300

Details

The Hex color **51DDF2** 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 **F26651**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **94FFFF**, and **00A6BA** is the 20% darker color. If you saturate the color by 10%, you get **39DAF2**, and if you desaturate by 10%, it is **69E0F2**.

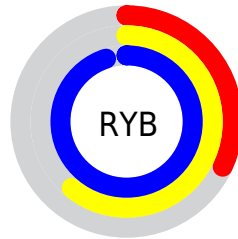
Distribution



Red (32%)

Green (87%)

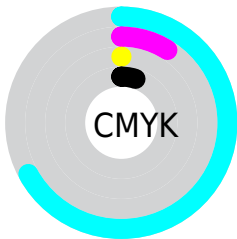
Blue (95%)



Red (32%)

Yellow (61%)

Blue (95%)

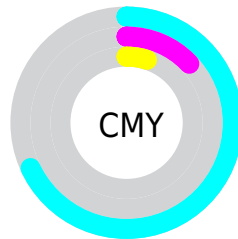


Cyan (67%)

Magenta (9%)

Yellow (0%)

Black (5%)



Cyan (68%)

Magenta (13%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51DDF2 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 51DDF2 by changing the saturation by 10% instead.

 51DDF2

 51DDF2

FFFFFF

 24C1D6

 94FFFF

 00A6BA

 B3FFFF

 008B9F

 D2FFFF

 007185

 F1FFFF

 00586B

 004053

 002A3C

 000E26

 000110

 51DDF2

 51DDF2

 39DAF2

 69E0F2

 21D7F2

 81E3F2

 08D4F2

 9AE6F2

 00D2F2

 B2EAF2

 CAEDF2

 E2F0F2

 FAF3F2

 FFF6F2

 FFF9F2

Harmonies

Analogous

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



66DFD0



51DDF2



6ED7FF

Triad

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



51DDF2



FDB5EA



DECB85

Complementary

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



51DDF2



F26651

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.



FDBF8D



51DDF2



FFB1C7

Square

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



51DDF2



D7C0FF



FFB5A5



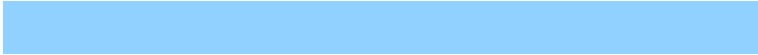
B8D590

Rectangle

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



51DDF2



91D1FF



FFB5A5



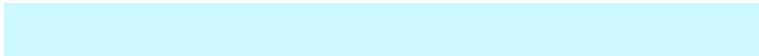
E9C785

Sweetspot

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



51DDF2



CCF8FF



51F264



617C80



000000



808080

Same Dimension

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



51DDF2



33E4FF



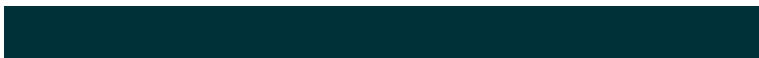
518FF2



6C7678



00A0B8



003138

Inverse Universe

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



F251DD



FF33E4



F2B451



786C76



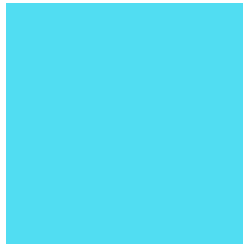
B800A0



380031

Previews

White Background



This preview shows how the Hex color 51DDF2 looks on a white background.

Color Contrast Check

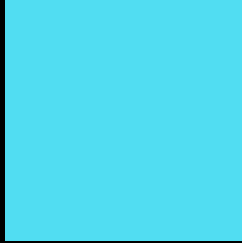
Large Text (above 18pt) WCAG AA × Fail

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 51DDF2 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 51DDF2 Background



This preview shows how black text looks on a background with the Hex color 51DDF2.

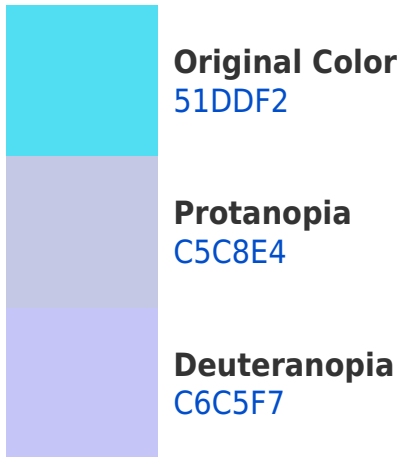


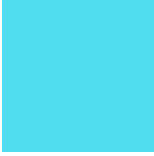
This preview shows how white text looks on a background with the Hex color 51DDF2.

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



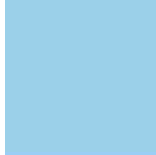


Tritanopia
50DDEF

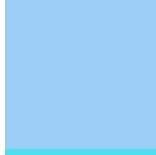
Trichromacy



Original Color
51DDF2



Protanomaly
9BD0E9



Deuteranomaly
9BCEF5

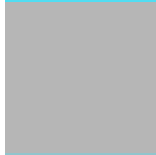


Tritanomaly
50DDF0

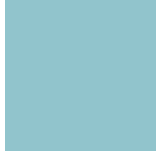
Monochromacy



Original Color
51DDF2



Achromatopsia
B6B6B6



Achromatomaly
91C4CC

CSS Examples

Text

The CSS property to change the color of the text to Hex 51DDF2 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 #51DDF2 looks like.

```
.text, #text, p{  
    color:#51DDF2  
}
```

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 #51DDF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51DDF2
}
```

Border

The CSS property to change the border of an element to Hex 51DDF2 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
#51DDF2 }
```

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

```
.border{ border-color:#51DDF2 }
```

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

Here you see how a box with a 4 pixel #51DDF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51DDF2; -webkit-box-shadow:4px 4px  
4px 4px #51DDF2; box-shadow:4px 4px 4px  
4px #51DDF2 }
```

Background

The CSS property to change the background color of an element to Hex 51DDF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51DDF2 }
```

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

```
.background{ background-color:#51DDF2 }
```

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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