

Converting Colors

Hex(51DBE1)

Have a look what the booklet for
Hex(51DBE1) contains.

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Color

Hex(51DBE1)

Conversions

Conversions Part 1

Format	Color
Hex	51DBE1
RGB	81, 219, 225
RGB Percent	32%, 86%, 88%
CMY	0.6824, 0.1412, 0.1176
CMYK	0.64, 0.03, 0.00, 0.12
HSL	183°, 71%, 60%
HSV	183°, 64%, 88%
XYZ	42.3155, 57.8486, 80.1698
YIQ	178.4220, -84.1740, -27.3900

Conversions

Conversions Part 2

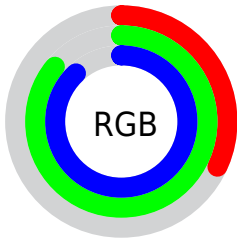
Format	Color
R _Y B	81, 151, 225
Decimal	5364705
CIE Lab	80.65, -34.83, -13.95
CIE LCh	81, 37.516, 201.833
Yxy	57.8486, 0.2347, 0.3208
Android (android.graphics.Color)	4283554785 (0xFF51DBE1)
YUV	178.4220, 22.9630, -85.4391
Hunter-Lab	76.0583, -33.7925, -9.2543

Details

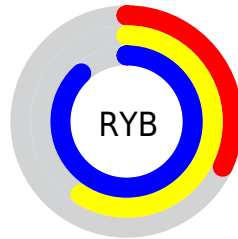
The Hex color **51DBE1** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E15751**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **92FFFF**, and **00A3AA** is the 20% darker color. If you saturate the color by 10%, you get **3BDAE1**, and if you desaturate by 10%, it is **67DCE1**.

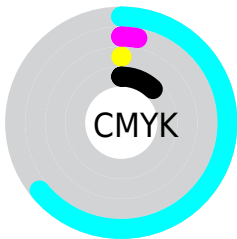
Distribution



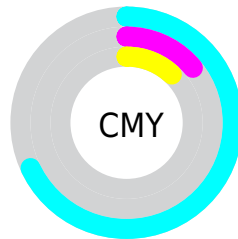
- Red (32%)
- Green (86%)
- Blue (88%)



- Red (32%)
- Yellow (59%)
- Blue (88%)



- Cyan (64%)
- Magenta (3%)
- Yellow (0%)
- Black (12%)



- Cyan (68%)
- Magenta (14%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51DBE1 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 51DBE1 by changing the saturation by 10% instead.

 51DBE1

 51DBE1

FFFFFF

 27BFC5

 92FFFF

 00A3AA

 B1FFFF

 00898F

 CFFFFFF

 006F76

 EFFFFFF

 00565D

 003E46

 00282F

 00061B

 000000

51DBE1

51DBE1

3BDAE1

67DCE1

24D9E1

7EDDE1

0ED8E1

94DEE1

00D8E1

ABDFE1

C2E0E1

D8E1E1

EFE2E1

FFE3E1

Harmonies

Analogous

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



73DBBD



51DBE1



59D7FE

Triad

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



51DBE1



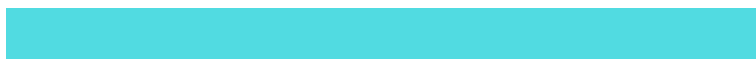
EBB6F4



E9C383

Complementary

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



51DBE1



E15751

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.



FFB792



51DBE1



FFAED3

Square

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



51DBE1



BFC3FF



FFAFB0



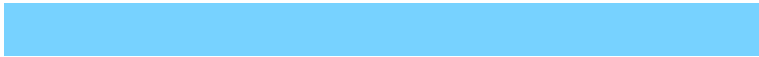
C6CE86

Rectangle

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



51DBE1



77D2FF



FFAFB0



F3BF86

Sweetspot

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



51DBE1



CFFDFF



51E156



627E80



000000



808080

Same Dimension

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



51DBE1



3BF7FF



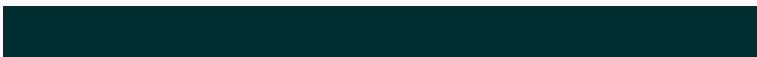
5194E1



657070



00A9B0



002E30

Inverse Universe

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



E151DB



FF3BF7



E19E51



706570



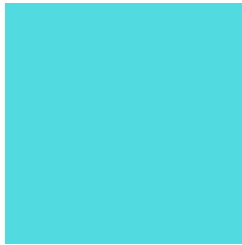
B000A9



30002E

Previews

White Background



This preview shows how the Hex color 51DBE1 looks on a white background.

Color Contrast Check

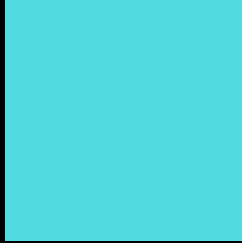
Large Text (above 18pt) WCAG AA × Fail

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 51DBE1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

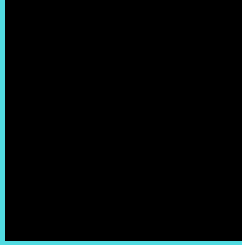
Any Text WCAG AA ✓ Pass

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 51DBE1 Background



This preview shows how black text looks on a background with the Hex color 51DBE1.

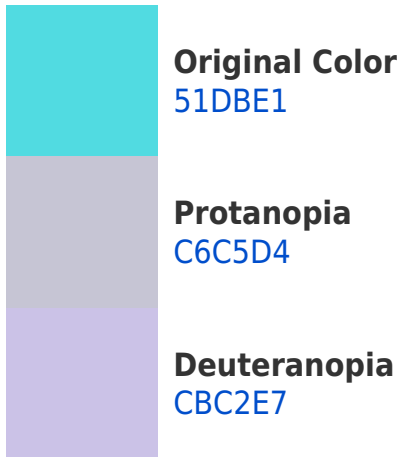


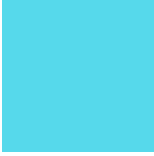
This preview shows how white text looks on a background with the Hex color 51DBE1.

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
56D9EB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51DBE1 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 #51DBE1 looks like.

```
.text, #text, p{  
    color:#51DBE1  
}
```

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 #51DBE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51DBE1
}
```

Border

The CSS property to change the border of an element to Hex 51DBE1 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
#51DBE1 }
```

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

```
.border{ border-color:#51DBE1 }
```

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

Here you see how a box with a 4 pixel #51DBE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51DBE1; -webkit-box-shadow:4px 4px  
4px 4px #51DBE1; box-shadow:4px 4px 4px  
4px #51DBE1 }
```

Background

The CSS property to change the background color of an element to Hex 51DBE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51DBE1 }
```

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

```
.background{ background-color:#51DBE1 }
```

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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