

Converting Colors

Hex(50DDEB)

Have a look what the booklet for
Hex(50DDEB) contains.

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Color

Hex(50DDEB)

Conversions

Conversions Part 1

Format	Color
Hex	50DDEB
RGB	80, 221, 235
RGB Percent	31%, 87%, 92%
CMY	0.6863, 0.1333, 0.0784
CMYK	0.66, 0.06, 0.00, 0.08
HSL	185°, 79%, 62%
HSV	185°, 66%, 92%
XYZ	44.1601, 59.4165, 87.7383
YIQ	180.4370, -88.5300, -25.5380

Conversions

Conversions Part 2

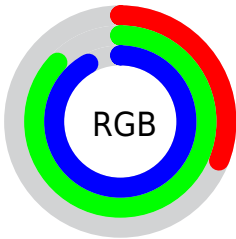
Format	Color
R_{YB}	80, 154, 235
Decimal	5299691
CIE _{Lab}	81.52, -33.09, -17.97
CIE _{LCh}	82, 37.653, 208.512
Yxy	59.4165, 0.2308, 0.3106
Android (android.graphics.Color)	4283489771 (0xFF50DDEB)
YUV	180.4370, 26.8996, -88.0832
Hunter-Lab	77.0821, -32.6316, -13.5290

Details

The Hex color **50DDEB** 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 **EB5E50**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **92FFFF**, and **00A5B3** is the 20% darker color. If you saturate the color by 10%, you get **38DBEB**, and if you desaturate by 10%, it is **68DFEB**.

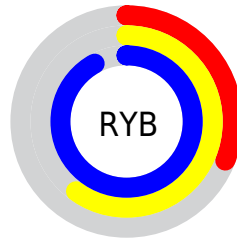
Distribution



Red (31%)

Green (87%)

Blue (92%)



Red (31%)

Yellow (60%)

Blue (92%)

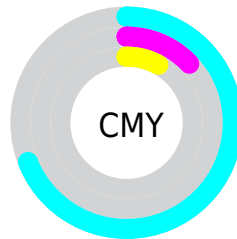


Cyan (66%)

Magenta (6%)

Yellow (0%)

Black (8%)



Cyan (69%)

Magenta (13%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50DDEB 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 50DDEB by changing the saturation by 10% instead.

 50DDEB

 50DDEB

FFFFFF

 24C1CF

 92FFFF

 00A5B3

 B1FFFF

 008B98

 D0FFFF

 00717F

 EFFFFFF

 005866

 00404E

 002A37

 000C22

 000008

 50DDEB

 50DDEB

 38DBEB

 68DFEB

 21D9EB

 7FE1EB

 0AD7EB

 96E3EB

 00D6EB

 AEE5EB

 C6E8EB

 DDEAEB

 F4ECEB

 FFEEEB

 FFF0EB

Harmonies

Analogous

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



6CDEC8



50DDEB



64D8FF

Triad

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



50DDEB



F6B6F0



E4C884

Complementary

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



50DDEB



EB5E50

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.



FFBC90



50DDEB



FFB0CE

Square

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



50DDEB



CDC2FF



FFB2AB



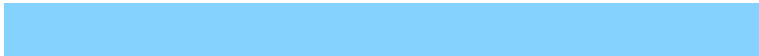
C0D38C

Rectangle

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



50DDEB



85D2FF



FFB2AB



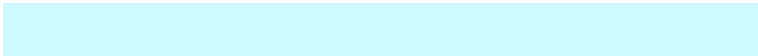
EFC486

Sweetspot

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



50DDEB



CCFAFF



50EB5D



617D80



000000



808080

Same Dimension

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



50DDEB



36EDFF



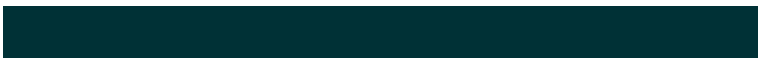
5091EB



6A7475



00A5B5



003136

Inverse Universe

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



EB50DD



FF36ED



EBAA50



756A74



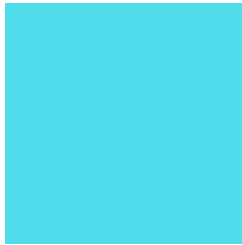
B500A5



360031

Previews

White Background



This preview shows how the Hex color 50DDEB looks on a white background.

Color Contrast Check

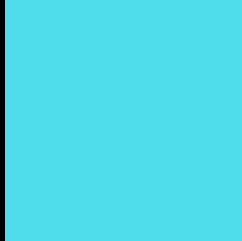
Large Text (above 18pt) WCAG AA × Fail

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 50DDEB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

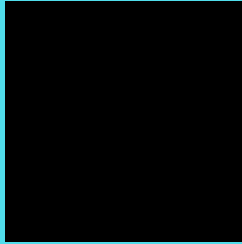
Any Text WCAG AA ✓ Pass

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 50DDEB Background



This preview shows how black text looks on a background with the Hex color 50DDEB.

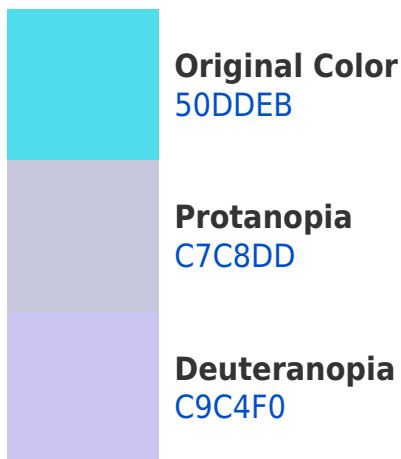


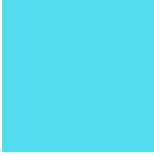
This preview shows how white text looks on a background with the Hex color 50DDEB.

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](#).

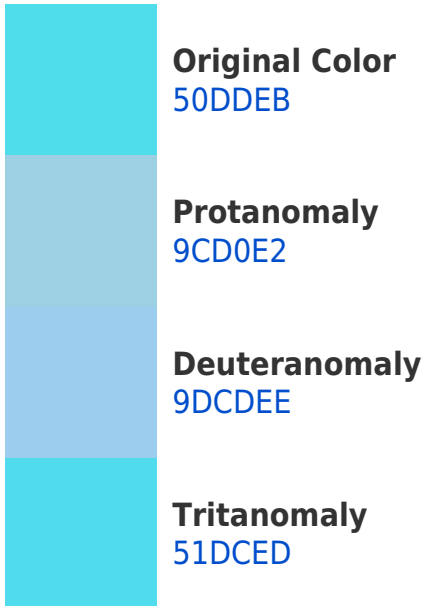
Dichromacy





Tritanopia
52DCEE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 50DDEB 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 #50DDEB looks like.

```
.text, #text, p{  
    color:#50DDEB  
}
```

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 #50DDEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50DDEB
}
```

Border

The CSS property to change the border of an element to Hex 50DDEB 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
#50DDEB }
```

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

```
.border{ border-color:#50DDEB }
```

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

Here you see how a box with a 4 pixel #50DDEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50DDEB; -webkit-box-shadow:4px 4px  
4px 4px #50DDEB; box-shadow:4px 4px 4px  
4px #50DDEB }
```

Background

The CSS property to change the background color of an element to Hex 50DDEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50DDEB }
```

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

```
.background{ background-color:#50DDEB }
```

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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