

Converting Colors

Hex(50B6DF)

Have a look what the booklet for
Hex(50B6DF) contains.

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Color

Hex(50B6DF)

Conversions

Conversions Part 1

Format	Color
Hex	50B6DF
RGB	80, 182, 223
RGB Percent	31%, 71%, 87%
CMY	0.6863, 0.2863, 0.1255
CMYK	0.64, 0.18, 0.00, 0.13
HSL	197°, 69%, 59%
HSV	197°, 64%, 87%
XYZ	33.3555, 40.4891, 75.8692
YIQ	156.1760, -73.9530, -8.8730

Conversions

Conversions Part 2

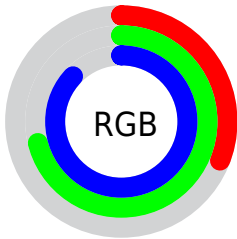
Format	Color
RYB	80, 140, 223
Decimal	5289695
CIELab	69.82, -17.22, -29.35
CIELCh	70, 34.028, 239.600
Yxy	40.4891, 0.2228, 0.2704
Android (android.graphics.Color)	4283479775 (0xFF50B6DF)
YUV	156.1760, 32.9442, -66.8064
Hunter-Lab	63.6310, -17.7843, -26.1515

Details

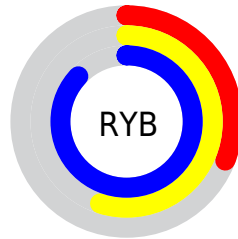
The Hex color **50B6DF** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **DF7950**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **8EEEFF**, and **0081A8** is the 20% darker color. If you saturate the color by 10%, you get **3AB0DF**, and if you desaturate by 10%, it is **66BCDF**.

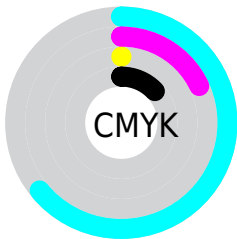
Distribution



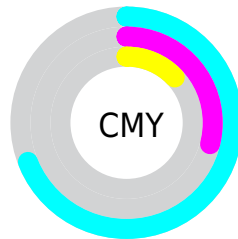
- Red (31%)
- Green (71%)
- Blue (87%)



- Red (31%)
- Yellow (55%)
- Blue (87%)



- Cyan (64%)
- Magenta (18%)
- Yellow (0%)
- Black (13%)



- Cyan (69%)
- Magenta (29%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50B6DF 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 50B6DF by changing the saturation by 10% instead.

■ 50B6DF

■ 50B6DF

FFFFFF

■ 2A9BC3

■ 8EEEEFF

■ 0081A8

■ ACFFFF

■ 00688D

■ CAFFFF

■ 005073

■ E9FFFF

■ 00395B

■ 002343

■ 00032D

■ 000117

■ 000000

 50B6DF

 50B6DF

 3AB0DF

 66BCDF

 23A9DF

 7DC3DF

 0DA3DF

 93C9DF

 009FDF

 A9D0DF

 C0D6DF

 D6DCDF

 ECE3DF

 FFE9DF

 FFF0DF

Harmonies

Analogous

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



3CBBC8



50B6DF



7FAEE8

Triad

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



50B6DF



E593AC



A0B274

Complementary

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



50B6DF



DF7950

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.



C0A96D



50B6DF



E7958E

Square

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



50B6DF



D198CA



D99E76



7BB88A

Rectangle

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



50B6DF



9FA7E5



D99E76



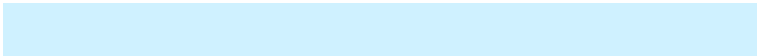
ABAF70

Sweetspot

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



50B6DF



CFF1FF



50DF79



627780



000000



808080

Same Dimension

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



50B6DF



3BC7FF



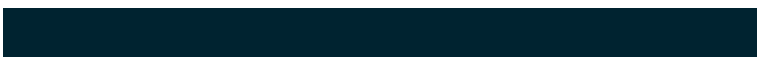
506FDF



656D70



007EB0



002330

Inverse Universe

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



DF50B6



FF3BC7



DFC050



70656D



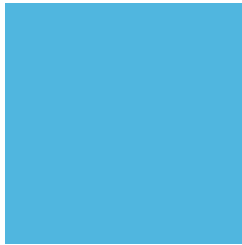
B0007E



300023

Previews

White Background



This preview shows how the Hex color 50B6DF looks on a white background.

Color Contrast Check

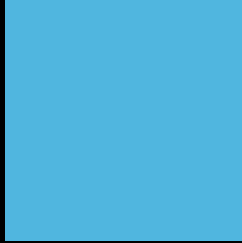
Large Text (above 18pt) WCAG AA × Fail

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 50B6DF 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 50B6DF Background



This preview shows how black text looks on a background with the Hex color 50B6DF.

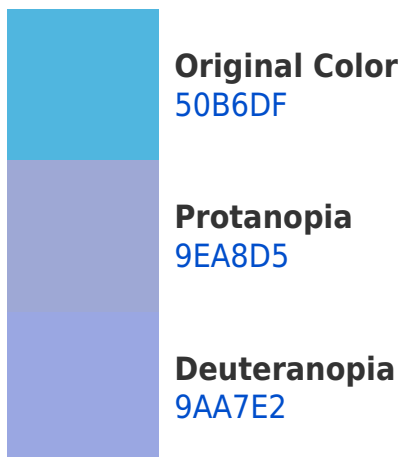


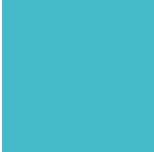
This preview shows how white text looks on a background with the Hex color 50B6DF.

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](#).

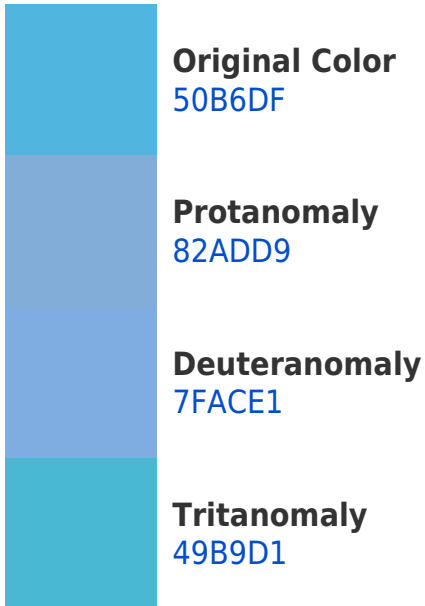
Dichromacy



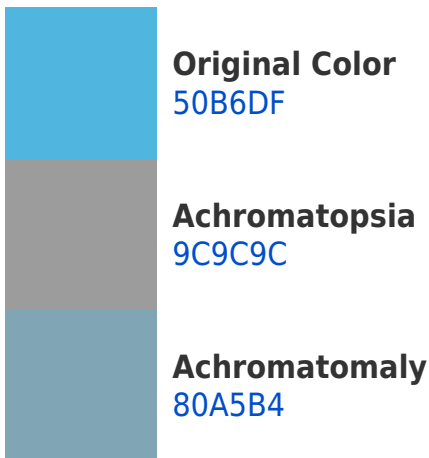


Tritanopia
45BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 50B6DF 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 #50B6DF looks like.

```
.text, #text, p{  
    color:#50B6DF  
}
```

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 #50B6DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50B6DF
}
```

Border

The CSS property to change the border of an element to Hex 50B6DF 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
#50B6DF }
```

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

```
.border{ border-color:#50B6DF }
```

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

Here you see how a box with a 4 pixel #50B6DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50B6DF; -webkit-box-shadow:4px 4px  
4px 4px #50B6DF; box-shadow:4px 4px 4px  
4px #50B6DF }
```

Background

The CSS property to change the background color of an element to Hex 50B6DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50B6DF }
```

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

```
.background{ background-color:#50B6DF }
```

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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