

Converting Colors

Hex(50DBE6)

Have a look what the booklet for
Hex(50DBE6) contains.

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Color

Hex(50DBE6)

Conversions

Conversions Part 1

Format	Color
Hex	50DBE6
RGB	80, 219, 230
RGB Percent	31%, 86%, 90%
CMY	0.6863, 0.1412, 0.0980
CMYK	0.65, 0.05, 0.00, 0.10
HSL	184°, 75%, 61%
HSV	184°, 65%, 90%
XYZ	42.9227, 58.0817, 83.8115
YIQ	178.6930, -86.3750, -26.0470

Conversions

Conversions Part 2

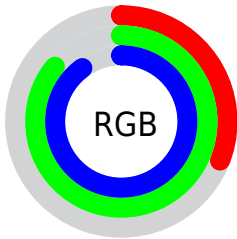
Format	Color
RYB	80, 152, 230
Decimal	5299174
CIELab	80.78, -33.57, -16.42
CIELCh	81, 37.369, 206.071
Yxy	58.0817, 0.2322, 0.3143
Android (android.graphics.Color)	4283489254 (0xFF50DBE6)
YUV	178.6930, 25.2944, -86.5538
Hunter-Lab	76.2113, -32.8375, -11.8548

Details

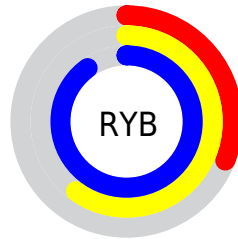
The Hex color **50DBE6** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E65B50**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **92FFFF**, and **00A4AF** is the 20% darker color. If you saturate the color by 10%, you get **39D9E6**, and if you desaturate by 10%, it is **67DDE6**.

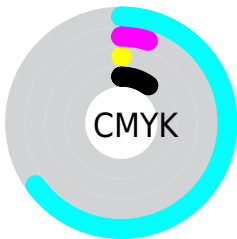
Distribution



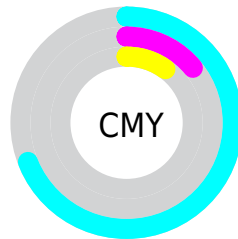
- Red (31%)
- Green (86%)
- Blue (90%)



- Red (31%)
- Yellow (60%)
- Blue (90%)



- Cyan (65%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



- Cyan (69%)
- Magenta (14%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50DBE6 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 50DBE6 by changing the saturation by 10% instead.

 50DBE6

 50DBE6

FFFFFF

 25BFCA

 92FFFF

 00A4AF

 B1FFFF

 008994

 CFFFFFF

 006F7A


 EFFFFFF

 005661

 003E4A

 002833

 00071E

 000001

 50DBE6

 50DBE6

 39D9E6

 67DDE6

 22D8E6

 7EDEE6

 0BD6E6

 95E0E6

 00D5E6

 ACE2E6

 C3E3E6

 DAE5E6

 F1E7E6

 FFE8E6

 FFEAE6

Harmonies

Analogous

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



6EDBC3



50DBE6



5FD6FF

Triad

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



50DBE6



F1B5F0



E5C583

Complementary

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



50DBE6



E6B50

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.



FFB990



50DBE6



FFAECF

Square

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



50DBE6



C7C1FF



FFB0AC



C1D089

Rectangle

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



50DBE6



7FD1FF



FFB0AC



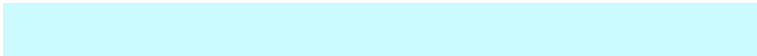
EFC185

Sweetspot

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



50DBE6



CCFBFF



50E65A



617D80



000000



808080

Same Dimension

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



50DBE6



38F0FF



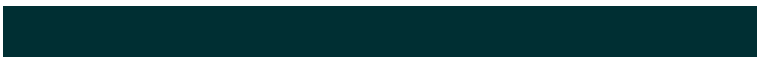
5091E6



677273



00A5B3



002F33

Inverse Universe

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



E650DB



FF38F0



E6A550



736772



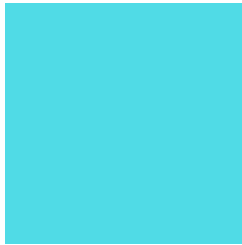
B300A5



33002F

Previews

White Background



This preview shows how the Hex color 50DBE6 looks on a white background.

Color Contrast Check

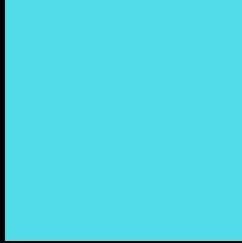
Large Text (above 18pt) WCAG AA × Fail

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 50DBE6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

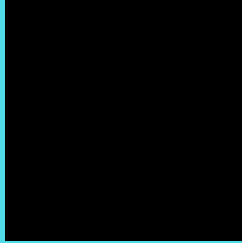
Any Text WCAG AA ✓ Pass

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 50DBE6 Background



This preview shows how black text looks on a background with the Hex color 50DBE6.

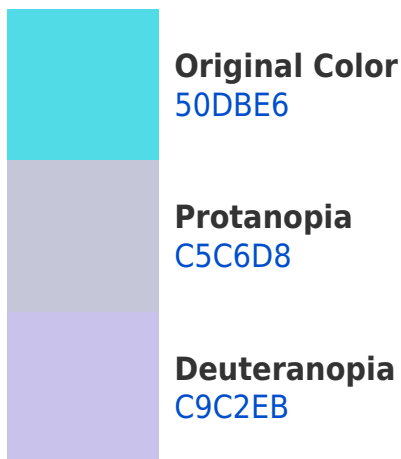


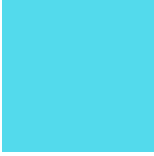
This preview shows how white text looks on a background with the Hex color 50DBE6.

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
53DAEC

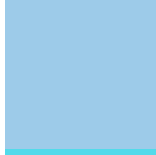
Trichromacy



Original Color
50DBE6



Protanomaly
9ACEDD



Deuteranomaly
9DCBE9

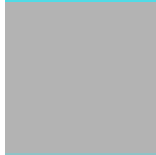


Tritanomaly
52DAEA

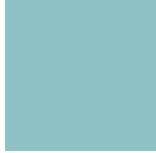
Monochromacy



Original Color
50DBE6



Achromatopsia
B3B3B3



Achromatomaly
8FC2C6

CSS Examples

Text

The CSS property to change the color of the text to Hex 50DBE6 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 #50DBE6 looks like.

```
.text, #text, p{  
    color:#50DBE6  
}
```

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 #50DBE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50DBE6
}
```

Border

The CSS property to change the border of an element to Hex 50DBE6 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
#50DBE6 }
```

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

```
.border{ border-color:#50DBE6 }
```

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

Here you see how a box with a 4 pixel #50DBE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50DBE6; -webkit-box-shadow:4px 4px  
4px 4px #50DBE6; box-shadow:4px 4px 4px  
4px #50DBE6 }
```

Background

The CSS property to change the background color of an element to Hex 50DBE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50DBE6 }
```

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

```
.background{ background-color:#50DBE6 }
```

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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