

# Converting Colors

Hex(50C6EE)

Have a look what the booklet for  
Hex(50C6EE) contains.

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# Color

Hex(50C6EE)

# Conversions

## Conversions Part 1

Format	Color
Hex	50C6EE
RGB	80, 198, 238
RGB Percent	31%, 78%, 93%
CMY	0.6863, 0.2235, 0.0667
CMYK	0.66, 0.17, 0.00, 0.07
HSL	195°, 82%, 62%
HSV	195°, 66%, 93%
XYZ	38.9350, 48.2667, 88.1532
YIQ	167.2780, -83.1680, -12.5760

# Conversions

## Conversions Part 2

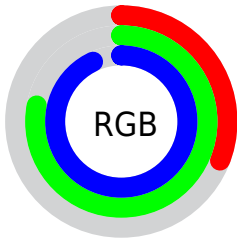
Format	Color
R <sub>Y</sub> B	80, 148, 238
Decimal	5293806
CIE Lab	74.99, -20.87, -29.52
CIE LCh	75, 36.153, 234.739
Yxy	48.2667, 0.2220, 0.2753
Android (android.graphics.Color)	4283483886 (0xFF50C6EE)
YUV	167.2780, 34.8659, -76.5428
Hunter-Lab	69.4742, -21.5444, -26.5989

# Details

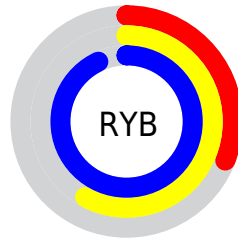
The Hex color **50C6EE** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **EE7850**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **91FFFF**, and **0090B6** is the 20% darker color. If you saturate the color by 10%, you get **38C0EE**, and if you desaturate by 10%, it is **68CCEE**.

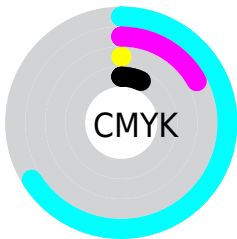
# Distribution



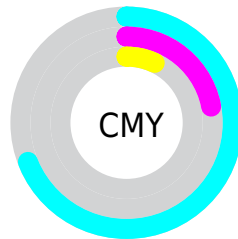
- Red (31%)
- Green (78%)
- Blue (93%)



- Red (31%)
- Yellow (58%)
- Blue (93%)



- Cyan (66%)
- Magenta (17%)
- Yellow (0%)
- Black (7%)



- Cyan (69%)
- Magenta (22%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 50C6EE 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 50C6EE by changing the saturation by 10% instead.



 50C6EE

 50C6EE

FFFFFF

 26ABD2

 91FFFF

 0090B6

 AFFFFFF

 00769B

 CEFFFF

 005D81

 EDFFFF

 004668

 002F4F

 001C38

 000222

 000009

■ 50C6EE

■ 50C6EE

■ 38C0EE

■ 68CCEE

■ 20BAEE

■ 80D2EE

■ 09B4EE

■ 97D8EE

■ 00B2EE

■ AFDEEE

■ C7E4EE

■ DFEAEE

■ F7F0EE

■ FFF6EE

■ FFFCEE

# Harmonies

## Analogous

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



43CAD3



50C6EE



81BEFA

# Triad

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



50C6EE



F5A0C0



B3BF7B

# Complementary

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



50C6EE



EE7850

# 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.



D5B576



50C6EE



FAA19E

# Square

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



50C6EE



DDA7DF



EEA983



8CC791

# Rectangle

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



50C6EE



A4B6F9



EEA983



BFBC77

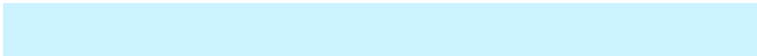


# Sweetspot

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



50C6EE



CCF2FF



50EE78



617880



000000



808080



# Same Dimension

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



50C6EE



33CBFF



5078EE



6C7578



0089B8



002A38



# Inverse Universe

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



EE50C6



FF33CB



EEC650



786C75



B80089

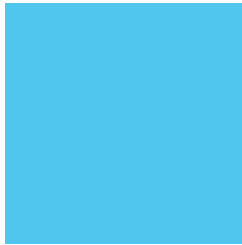


38002A



# Previews

## White Background



This preview shows how the Hex color 50C6EE looks on a white background.

## Color Contrast Check

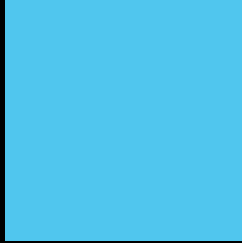
Large Text (above 18pt) WCAG AA × Fail

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 50C6EE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

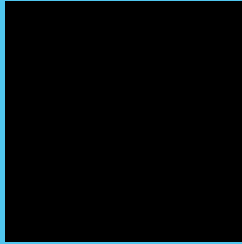
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 50C6EE Background



This preview shows how black text looks on a background with the Hex color 50C6EE.

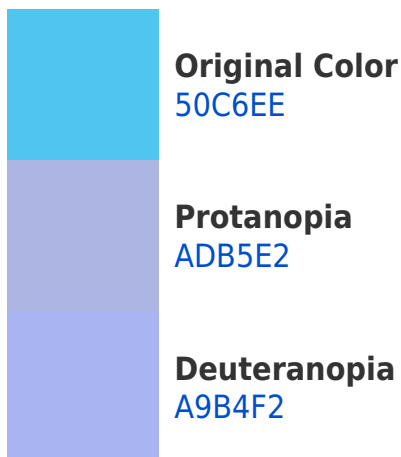


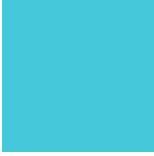
This preview shows how white text looks on a background with the Hex color 50C6EE.

# 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



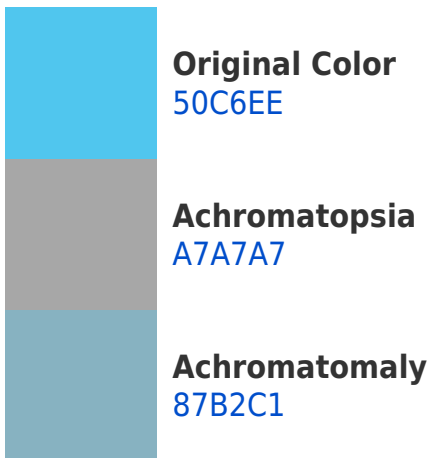


**Tritanopia**  
45C9DA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 50C6EE 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 #50C6EE looks like.

```
.text, #text, p{  
    color:#50C6EE  
}
```

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 #50C6EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50C6EE
}
```

## Border

The CSS property to change the border of an element to Hex 50C6EE 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
#50C6EE }
```

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

```
.border{ border-color:#50C6EE }
```

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

Here you see how a box with a 4 pixel #50C6EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50C6EE; -webkit-box-shadow:4px 4px  
4px 4px #50C6EE; box-shadow:4px 4px 4px  
4px #50C6EE }
```

# Background

The CSS property to change the background color of an element to Hex 50C6EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50C6EE }
```

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

```
.background{ background-color:#50C6EE }
```

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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