

# Converting Colors

Hex(50ECFA)

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

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# **Color**

**Hex(50ECFA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50ECFA
RGB	80, 236, 250
RGB Percent	31%, 93%, 98%
CMY	0.6863, 0.0745, 0.0196
CMYK	0.68, 0.06, 0.00, 0.02
HSL	185°, 94%, 65%
HSV	185°, 68%, 98%
XYZ	50.5590, 68.5985, 101.0186
YIQ	190.9520, -97.4700, -28.7180

# Conversions

## Conversions Part 2

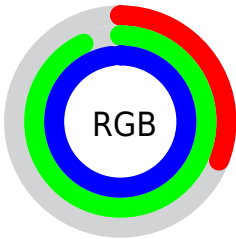
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	80, 161, 250
Decimal	5303546
CIE Lab	86.30, -35.84, -18.68
CIE LCh	86, 40.417, 207.522
Yxy	68.5985, 0.2296, 0.3116
Android (android.graphics.Color)	4283493626 (0xFF50ECFA)
YUV	190.9520, 29.1107, -97.3049
Hunter-Lab	82.8242, -35.9792, -14.3375

# Details

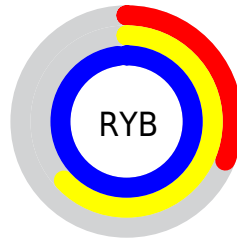
The Hex color **50ECFA** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **FA5E50**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **95FFFF**, and **00B4C2** is the 20% darker color. If you saturate the color by 10%, you get **37EAFA**, and if you desaturate by 10%, it is **69EEFA**.

# Distribution



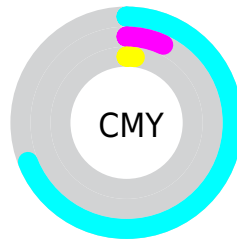
- Red (31%)
- Green (93%)
- Blue (98%)



- Red (31%)
- Yellow (63%)
- Blue (98%)



- Cyan (68%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (69%)
- Magenta (7%)
- Yellow (2%)

# Brightness & Saturation Gradients

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



 50ECFA

FFFFFF

 95FFFF

 B5FFFF


 D4FFFF

 F4FFFF

 50ECFA

 1ECFDD

 00B4C2

 0099A6

 007E8C

 006572

 004C5A

 003442

 00202C

 000118

 50ECFA

 50ECFA

 37EAFA

 69EEFA

 1EE8FA

 82F0FA

 05E6FA

 9BF2FA

 00E5FA

 B4F4FA

 CDF6FA

 E6F8FA

 FFFAFA

 FFFCFA

 FFFFFA

# Harmonies

## Analogous

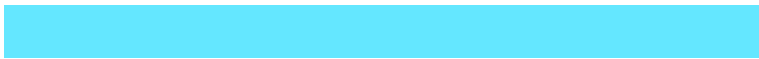
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72EDD3



50ECFA



64E7FF

# Triad

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



50ECFA



FFC2FF



F5D48B

# Complementary

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



50ECFA



FA5E50

# 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.



FFC799



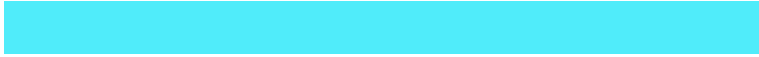
50ECFA



FFBBDD

# Square

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



50ECFA



D8CFFF



FFBDB6



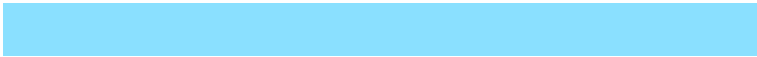
CDE093

# Rectangle

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



50ECFA



8AE0FF



FFBDB6



FFD08D

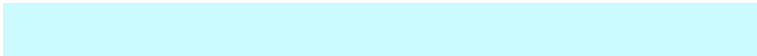


# Sweetspot

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



50ECFA



CCFBFF



50FA5B



617D80



000000



808080



# Same Dimension

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



50ECFA



2EEEFF



509AFA



707C7D



00ADBD



00383D



# Inverse Universe

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



FA50EC



FF2EEE



FAB050



7D707C



BD00AD

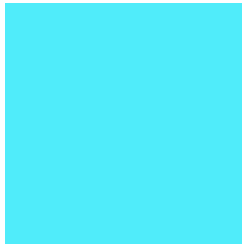


3D0038



# Previews

## White Background



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

## Color Contrast Check

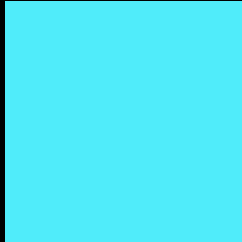
Large Text (above 18pt) WCAG AA × Fail

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 50ECFA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

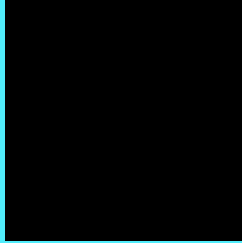
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 50ECFA Background



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

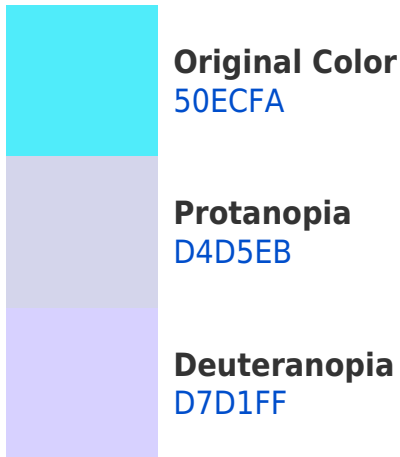


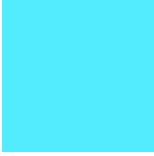
This preview shows how white text looks on a background with the Hex color 50ECFA.

# 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



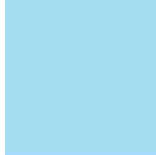


**Tritanopia**  
53EBFE

# Trichromacy



**Original Color**  
50ECFA



**Protanomaly**  
A4DDF0



**Deuteranomaly**  
A6DBFD

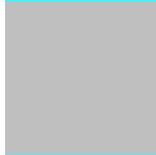


**Tritanomaly**  
52EBFD

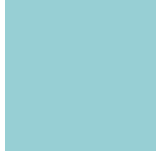
# Monochromacy



**Original Color**  
50ECFA



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
97CFD4

# CSS Examples

## Text

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

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

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 #50ECFA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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