

Converting Colors

Hex(61CFEA)

Have a look what the booklet for
Hex(61CFEA) contains.

Hex(61CFEA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(61CFEA)

Conversions

Conversions Part 1

Format	Color
Hex	61CFEA
RGB	97, 207, 234
RGB Percent	38%, 81%, 92%
CMY	0.6196, 0.1882, 0.0824
CMYK	0.59, 0.12, 0.00, 0.08
HSL	192°, 77%, 65%
HSV	192°, 59%, 92%
XYZ	42.0939, 53.1075, 85.8741
YIQ	177.1880, -74.2270, -14.9230

Conversions

Conversions Part 2

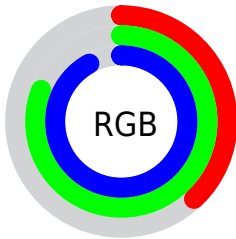
Format	Color
RYB	97, 158, 234
Decimal	6410218
CIELab	77.94, -23.79, -22.82
CIELCh	78, 32.963, 223.814
Yxy	53.1075, 0.2325, 0.2933
Android (android.graphics.Color)	4284600298 (0xFF61CFEA)
YUV	177.1880, 28.0083, -70.3249
Hunter-Lab	72.8749, -24.4263, -18.8535

Details

The Hex color **61CFEA** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **EA7C61**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **9EFFFF**, and **0C98B2** is the 20% darker color. If you saturate the color by 10%, you get **4ACA EA**, and if you desaturate by 10%, it is **78D4EA**.

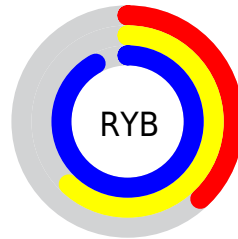
Distribution



Red (38%)

Green (81%)

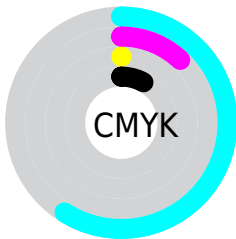
Blue (92%)



Red (38%)

Yellow (62%)

Blue (92%)

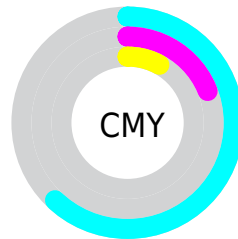


Cyan (59%)

Magenta (12%)

Yellow (0%)

Black (8%)



Cyan (62%)

Magenta (19%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61CFEA 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 61CFEA by changing the saturation by 10% instead.

 61CFEA

 61CFEA

FFFFFF

 3FB3CE

 9EFFFF

 0C98B2

 BCFFFF

 007E97

 DAFFFF

 00657D

 F9FFFF

 004D64

 00364C

 002135

 000220

 000005

■ 61CFEA

■ 61CFEA

■ 4ACA EA

■ 78D4EA

■ 32C6EA

■ 90D8EA

■ 1BC1EA

■ A7DDEA

■ 03BDEA

■ BFE1EA

■ 00BCEA

■ D6E6EA

■ EDEBEA

■ FFEFEA

■ FFF4EA

■ FFF9EA

Harmonies

Analogous

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



65D2CE



61CFEA



81C8FB

Triad

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



61CFEA



F3ACD3



C8C385

Complementary

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



61CFEA



EA7C61

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.



E5B986



61CFEA



FEAAB3

Square

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



61CFEA



D7B4ED



F8AF98



A6CB94

Rectangle

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



61CFEA



9EC2FD



F8AF98



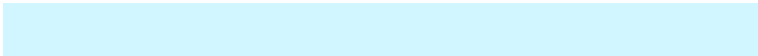
D2C083

Sweetspot

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



61CFEA



D1F6FF



61EA7A



637A80



000000



808080

Same Dimension

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



61CFEA



4DDCFF



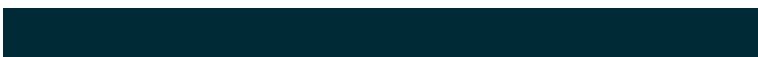
618CEA



6A7375



0091B5



002B36

Inverse Universe

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



EA61CF



FF4DDC



EABF61



756A73



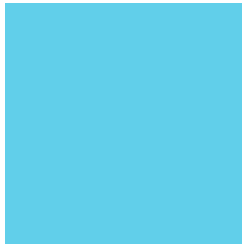
B50091



36002B

Previews

White Background



This preview shows how the Hex color 61CFEA looks on a white background.

Color Contrast Check

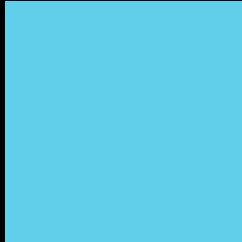
Large Text (above 18pt) WCAG AA × Fail

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 61CFEA 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 61CFEA Background



This preview shows how black text looks on a background with the Hex color 61CFEA.

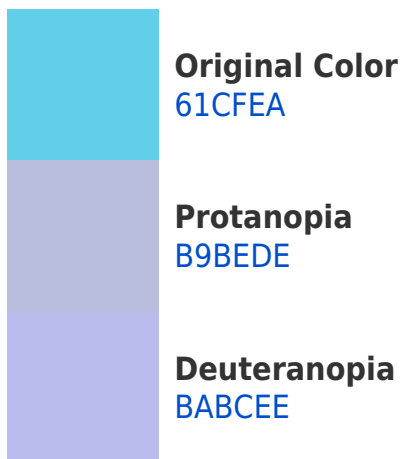


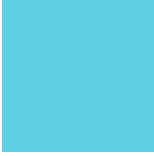
This preview shows how white text looks on a background with the Hex color 61CFEA.

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](#).

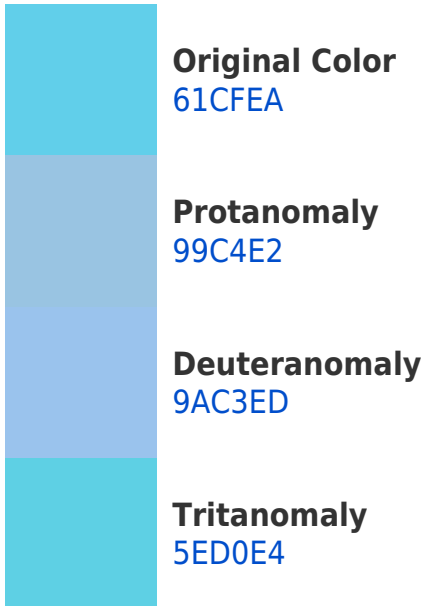
Dichromacy





Tritanopia
5DD0E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61CFEA 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 #61CFEA looks like.

```
.text, #text, p{  
    color:#61CFEA  
}
```

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 #61CFEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61CFEA
}
```

Border

The CSS property to change the border of an element to Hex 61CFEA 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
#61CFEA }
```

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

```
.border{ border-color:#61CFEA }
```

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

Here you see how a box with a 4 pixel #61CFEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61CFEA; -webkit-box-shadow:4px 4px  
4px 4px #61CFEA; box-shadow:4px 4px 4px  
4px #61CFEA }
```

Background

The CSS property to change the background color of an element to Hex 61CFEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61CFEA }
```

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

```
.background{ background-color:#61CFEA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor