

Converting Colors

Hex(6CEAFF)

Have a look what the booklet for
Hex(6CEAFF) contains.

Hex(6CEAFF)	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(6CEAFF)

Conversions

Conversions Part 1

Format	Color
Hex	6CEAFF
RGB	108, 234, 255
RGB Percent	42%, 92%, 100%
CMY	0.5765, 0.0824, 0.0000
CMYK	0.58, 0.08, 0.00, 0.00
HSL	189°, 100%, 71%
HSV	189°, 58%, 100%
XYZ	53.6572, 69.2538, 105.1470
YIQ	198.7200, -81.8370, -20.1810

Conversions

Conversions Part 2

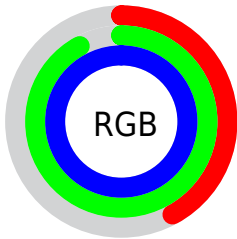
Format	Color
RYB	108, 176, 255
Decimal	7138047
CIELab	86.63, -29.13, -20.74
CIElCh	87, 35.759, 215.447
Yxy	69.2538, 0.2353, 0.3037
Android (android.graphics.Color)	4285328127 (0xFF6CEAFF)
YUV	198.7200, 27.7460, -79.5614
Hunter-Lab	83.2189, -30.5413, -16.6597

Details

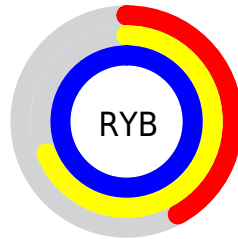
The Hex color **6CEAFF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF816C**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **AAFFFF**, and **1BB2C6** is the 20% darker color. If you saturate the color by 10%, you get **53E6FF**, and if you desaturate by 10%, it is **86EEFF**.

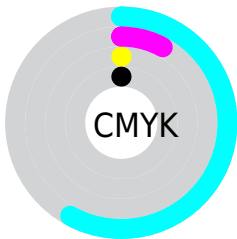
Distribution



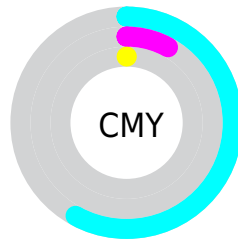
- Red (42%)
- Green (92%)
- Blue (100%)



- Red (42%)
- Yellow (69%)
- Blue (100%)



- Cyan (58%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CEAFF 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 6CEAFF by changing the saturation by 10% instead.

 6CEAFF

 6CEAFF

FFFFFF

 4ACEE2

 AAFFFF

 1BB2C6

 C9FFFF

 0097AB

 E8FFFF

 007D90

 006377

 004B5E

 003446

 002130

 00011B

 6CEAFF

 6CEAFF

 53E6FF

 86EEFF

 39E3FF

 9FF1FF

 20DFFF

 B9F5FF

 06DBFF

 D2F9FF

 00DBFF

 ECFCFF

FFFFFF

Harmonies

Analogous

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



7AECDE



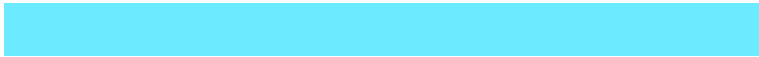
6CEAFF



86E4FF

Triad

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



6CEAFF



FFC4F6



EBD995

Complementary

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



6CEAFF



FF816C

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.



FFCD9C



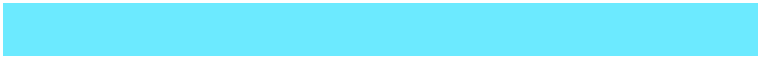
6CEAFF



FFC0D4

Square

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



6CEAFF



E6CEFF



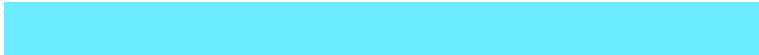
FFC3B3



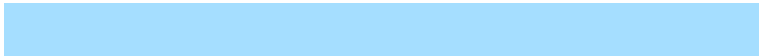
C6E3A1

Rectangle

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



6CEAFF



A5DEFF



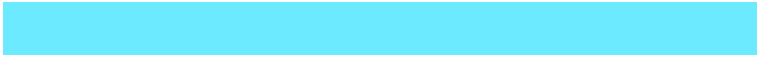
FFC3B3



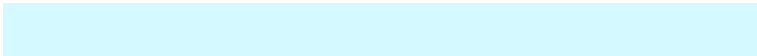
F6D595

Sweetspot

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



6CEAFF



D4F9FF



6CFF80



667C80



000000



808080

Same Dimension

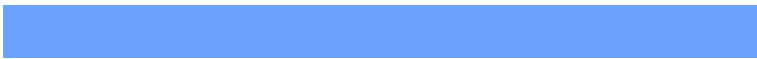
The Same Dimension uses a secret algorithm to generate beautiful new colors.



6CEAFF



4FE6FF



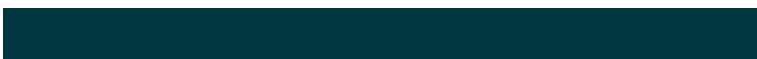
6CA2FF



737E80



00A4BF



003740

Inverse Universe

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



FF6CEA



FF4FE6



FFC96C



80737E



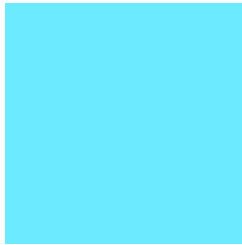
BF00A4



400037

Previews

White Background



This preview shows how the Hex color 6CEAFF looks on a white background.

Color Contrast Check

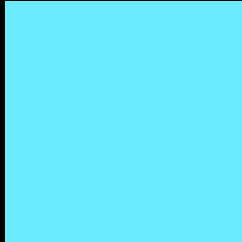
Large Text (above 18pt) WCAG AA × Fail

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 6CEAFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

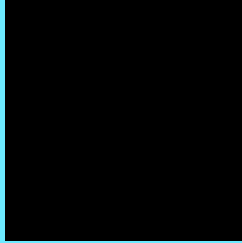
Any Text WCAG AA ✓ Pass

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 6CEAFF Background



This preview shows how black text looks on a background with the Hex color 6CEAFF.

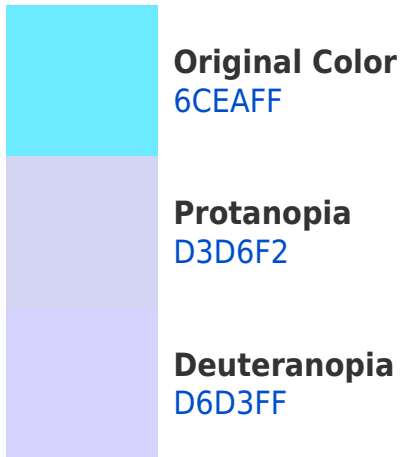


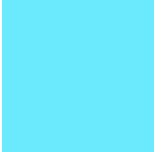
This preview shows how white text looks on a background with the Hex color 6CEAFF.

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
6BEAFD

Trichromacy



Original Color
6CEAFF



Protanomaly
AEDDF7



Deuteranomaly
AFDBFF

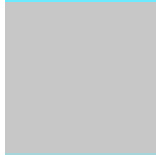


Tritanomaly
6BEAFE

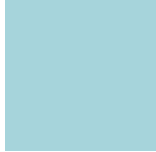
Monochromacy



Original Color
6CEAFF



Achromatopsia
C7C7C7



Achromatomaly
A6D4DB

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CEAFF 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 #6CEAFF looks like.

```
.text, #text, p{  
    color:#6CEAFF  
}
```

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 #6CEAFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CEAFF
}
```

Border

The CSS property to change the border of an element to Hex 6CEAFF 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
#6CEAFF }
```

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

```
.border{ border-color:#6CEAFF }
```

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

Here you see how a box with a 4 pixel #6CEAFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CEAFF; -webkit-box-shadow:4px 4px  
4px 4px #6CEAFF; box-shadow:4px 4px 4px  
4px #6CEAFF }
```

Background

The CSS property to change the background color of an element to Hex 6CEAFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CEAFF }
```

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

```
.background{ background-color:#6CEAFF }
```

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