

Converting Colors

Hex(6AFEFF)

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

Hex(6AFEFF)	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(6AFEFF)

Conversions

Conversions Part 1

Format	Color
Hex	6AFEFF
RGB	106, 254, 255
RGB Percent	42%, 100%, 100%
CMY	0.5843, 0.0039, 0.0000
CMYK	0.58, 0.00, 0.00, 0.00
HSL	180°, 100%, 71%
HSV	180°, 58%, 100%
XYZ	59.4357, 81.1678, 107.1421
YIQ	209.8620, -88.5290, -31.0650

Conversions

Conversions Part 2

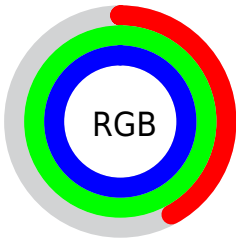
Format	Color
RYB	106, 180, 255
Decimal	7012095
CIELab	92.21, -38.84, -12.37
CIELCh	92, 40.759, 197.661
Yxy	81.1678, 0.2399, 0.3276
Android (android.graphics.Color)	4285202175 (0xFF6AFEFF)
YUV	209.8620, 22.2530, -91.0870
Hunter-Lab	90.0932, -39.9042, -7.4446

Details

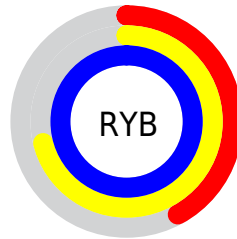
The Hex color **6AFEFF** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FF6B6A**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **AAFFFF**, and **08C5C6** is the 20% darker color. If you saturate the color by 10%, you get **51FEFF**, and if you desaturate by 10%, it is **84FEFF**.

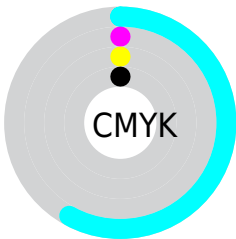
Distribution



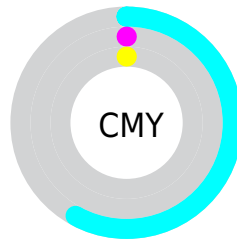
- Red (42%)
- Green (100%)
- Blue (100%)



- Red (42%)
- Yellow (71%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

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

 6AFEFF

 6AFEFF

FFFFFF

 46E1E2

 AAFFFF

 08C5C6

 C9FFFF

 00A9AB

 E9FFFF

 008E91

 007477

 005B5E

 004247

 002C30

 00101C

 6AFEFF

 6AFEFF

 51FEFF

 84FEFF

 37FEFF

 9DFEFF

 1EFDFF

 B7FFFF

 04FDFF

 D0FFFF

 00FDFF

 EAFFFF

FFFFFF

Harmonies

Analogous

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



91FDD7



6AFEFF



6BFAFF

Triad

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



6AFEFF



FFD7FF



FFE19C

Complementary

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



6AFEFF



FF6B6A

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.



FFD4B0



6AFFFF



FFCDFB

Square

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



6AFEFF



D7E4FF



FFCCD3



ECEE9D

Rectangle

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



6AFEFF



88F5FF



FFCCD3



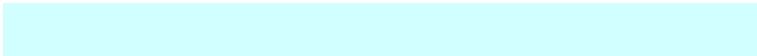
FFDCA1

Sweetspot

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



6AFEFF



D1FFFF



6AFF6A



637F80



000000



808080

Same Dimension

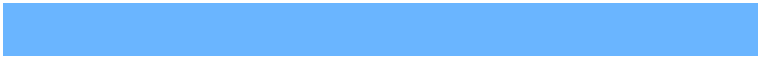
The Same Dimension uses a secret algorithm to generate beautiful new colors.



6AFEFF



4DFEFF



6AB5FF



737F80



00BEBF



003F40

Inverse Universe

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



FF6AFE



FF4DFE



FFB56A



80737F



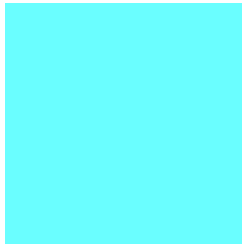
BF00BE



40003F

Previews

White Background



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

Color Contrast Check

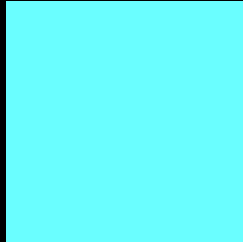
Large Text (above 18pt) WCAG AA × Fail

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 6AFEFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

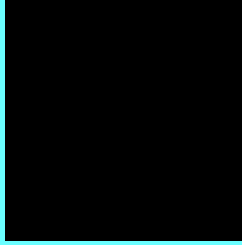
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

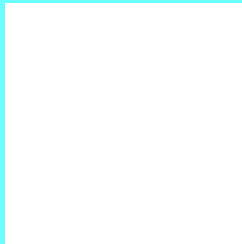
Any Text WCAG AAA ✓ Pass

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

Hex 6AFEFF Background



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

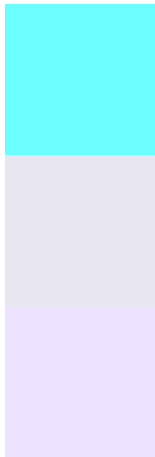


This preview shows how white text looks on a background with the Hex color 6AFEFF.

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](#).

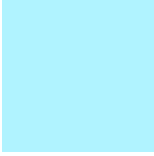
Dichromacy



Original Color
6AFEFF

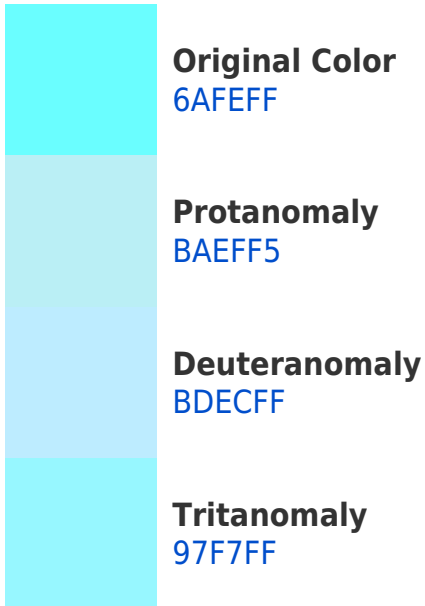
Protanopia
E8E6F0

Deuteranopia
EDE2FF

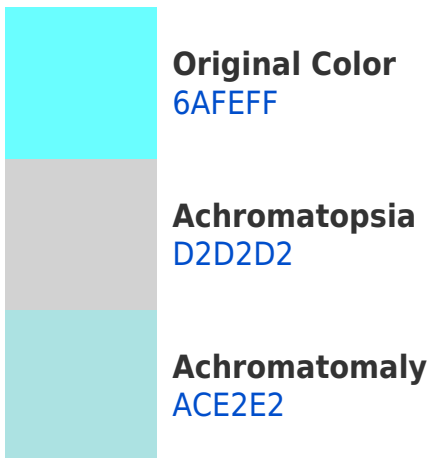


Tritanopia
B0F3FF

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #6AFEFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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