

Converting Colors

Hex(6AEFF6)

Have a look what the booklet for
Hex(6AEFF6) contains.

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Color

Hex(6AEFF6)

Conversions

Conversions Part 1

Format	Color
Hex	6AEFF6
RGB	106, 239, 246
RGB Percent	42%, 94%, 96%
CMY	0.5843, 0.0627, 0.0353
CMYK	0.57, 0.03, 0.00, 0.04
HSL	183°, 89%, 69%
HSV	183°, 57%, 96%
XYZ	53.4449, 71.4510, 98.1634
YIQ	200.0310, -81.5150, -26.0190

Conversions

Conversions Part 2

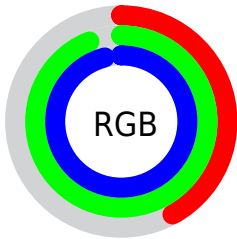
Format	Color
RYB	106, 174, 246
Decimal	7008246
CIELab	87.70, -34.31, -14.41
CIELCh	88, 37.210, 202.783
Yxy	71.4510, 0.2396, 0.3203
Android (android.graphics.Color)	4285198326 (0xFF6AEFF6)
YUV	200.0310, 22.6627, -82.4652
Hunter-Lab	84.5287, -35.0651, -9.6835

Details

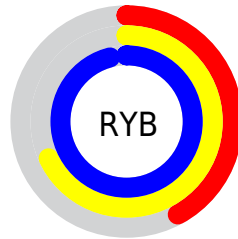
The Hex color **6AEFF6** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F6716A**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **A9FFFF**, and **17B7BE** is the 20% darker color. If you saturate the color by 10%, you get **51EEF6**, and if you desaturate by 10%, it is **83F0F6**.

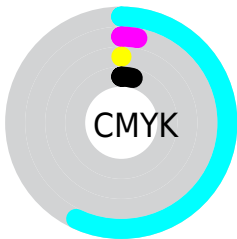
Distribution



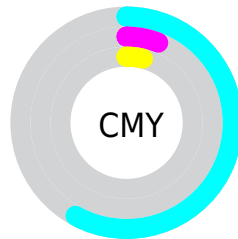
- Red (42%)
- Green (94%)
- Blue (96%)



- Red (42%)
- Yellow (68%)
- Blue (96%)



- Cyan (57%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)



- Cyan (58%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AEFF6 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 6AEFF6 by changing the saturation by 10% instead.

 6AEFF6

 6AEFF6

FFFFFF

 48D2DA

 A9FFFF

 17B7BE

 C7FFFF

 009BA3

 E6FFFF

 008188

 00676F

 004F57

 00373F

 002329

 000115

 6AEFF6

 6AEFF6

 51EEF6

 83F0F6

 39EDF6

 9BF1F6

 20EBF6

 B4F3F6

 08EAF6

 CCF4F6

 00EAF6

 E5F5F6

 FEF6F6

 FFF8F6

 FFF9F6

 FFFAF6

Harmonies

Analogous

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



87EFD2



6AEFF6



73EBFF

Triad

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



6AEFF6



FFCAFF



FDD796

Complementary

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



6AEFF6



F6716A

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.



FFCBA5



6AEFF6



FFC2E6

Square

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



6AEFF6



D5D6FF



FFC3C2



D9E29A

Rectangle

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



6AEFF6



8FE5FF



FFC3C2



FFD399

Sweetspot

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



6AEFF6



D4FDFD



6AF671



667E80



000000



808080

Same Dimension

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



6AEFF6



52F6FF



6AA9F6



6E7A7A



00B1BA



00383B

Inverse Universe

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



F66AEF



FF52F6



F6B76A



7A6E7A



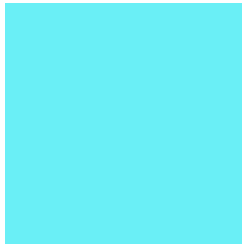
BA00B1



3B0038

Previews

White Background



This preview shows how the Hex color 6AEFF6 looks on a white background.

Color Contrast Check

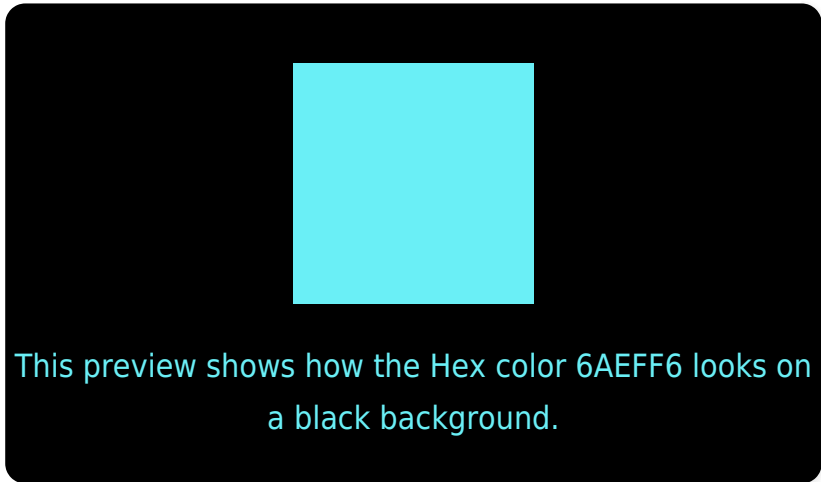
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

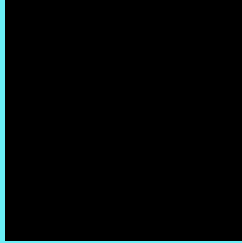
Any Text WCAG AA ✓ Pass

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 6AEFF6 Background



This preview shows how black text looks on a background with the Hex color 6AEFF6.

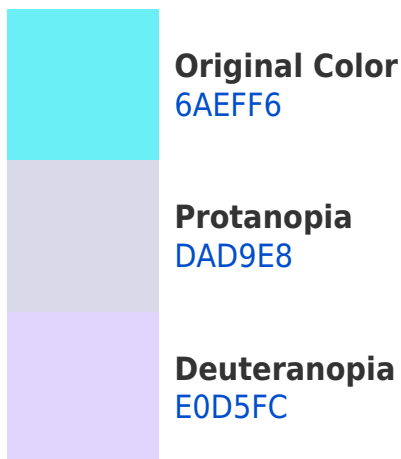


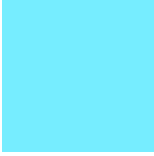
This preview shows how white text looks on a background with the Hex color 6AEFF6.

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



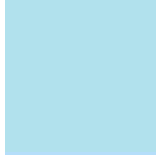


Tritanopia
76EDFF

Trichromacy



Original Color
6AEFF6



Protanomaly
B1E1ED



Deuteranomaly
B5DEFA

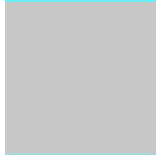


Tritanomaly
72EEFC

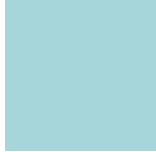
Monochromacy



Original Color
6AEFF6



Achromatopsia
C8C8C8



Achromatomaly
A6D6D9

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AEFF6 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 #6AEFF6 looks like.

```
.text, #text, p{  
    color:#6AEFF6  
}
```

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 #6AEFF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AEFF6  
}
```

Border

The CSS property to change the border of an element to Hex 6AEFF6 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  
#6AEFF6 }
```

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

```
.border{ border-color:#6AEFF6 }
```

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

Here you see how a box with a 4 pixel #6AEFF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AEFF6; -webkit-box-shadow:4px 4px  
4px 4px #6AEFF6; box-shadow:4px 4px 4px  
4px #6AEFF6 }
```

Background

The CSS property to change the background color of an element to Hex 6AEFF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AEFF6 }
```

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

```
.background{ background-color:#6AEFF6 }
```

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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