

Converting Colors

Hex(6AE5FF)

Have a look what the booklet for
Hex(6AE5FF) contains.

Hex(6AE5FF)	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(6AE5FF)

Conversions

Conversions Part 1

Format	Color
Hex	6AE5FF
RGB	106, 229, 255
RGB Percent	42%, 90%, 100%
CMY	0.5843, 0.1020, 0.0000
CMYK	0.58, 0.10, 0.00, 0.00
HSL	190°, 100%, 71%
HSV	190°, 58%, 100%
XYZ	52.0132, 66.3228, 104.6679
YIQ	195.1870, -81.6540, -17.9900

Conversions

Conversions Part 2

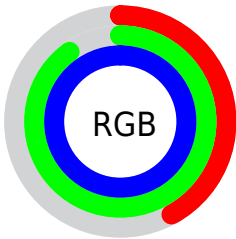
Format	Color
RYB	106, 173, 255
Decimal	7005695
CIELab	85.16, -27.06, -22.97
CIELCh	85, 35.498, 220.322
Yxy	66.3228, 0.2332, 0.2974
Android (android.graphics.Color)	4285195775 (0xFF6AE5FF)
YUV	195.1870, 29.4878, -78.2170
Hunter-Lab	81.4388, -28.5139, -19.1944

Details

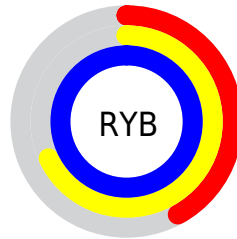
The Hex color **6AE5FF** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **FF846A**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **A9FFFF**, and **17ADC6** is the 20% darker color. If you saturate the color by 10%, you get **51E1FF**, and if you desaturate by 10%, it is **84E9FF**.

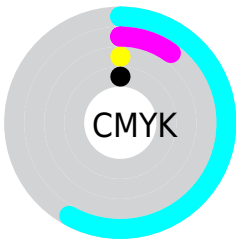
Distribution



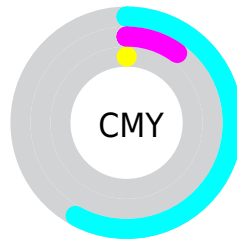
- Red (42%)
- Green (90%)
- Blue (100%)



- Red (42%)
- Yellow (68%)
- Blue (100%)



- Cyan (58%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AE5FF 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 6AE5FF by changing the saturation by 10% instead.

 6AE5FF

 6AE5FF

FFFFFF

 48C9E2

 A9FFFF

 17ADC6

 C7FFFF

 0092AB

 E6FFFF

 007890

 005F77

 00475E

 003046

 001C30

 00011B

 6AE5FF

 6AE5FF

 51E1FF

 84E9FF

 37DCFF

 9DEEFF

 1ED8FF

 B7F2FF

 04D3FF

 D0F7FF

 00D3FF

 EAFBFF

FFFFFF

Harmonies

Analogous

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



72E7E0



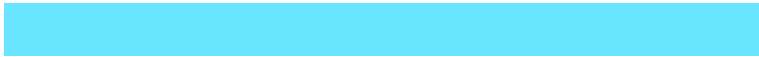
6AE5FF



89DEFF

Triad

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



6AE5FF



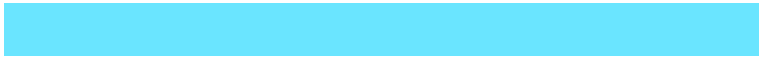
FFBFEC



E1D692

Complementary

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



6AE5FF



FF846A

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.



FFCB96



6AE5FF



FFBCCA

Square

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



6AE5FF



E8C8FF



FFC1AB



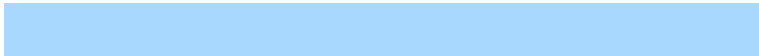
BCE0A1

Rectangle

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



6AE5FF



A9D8FF



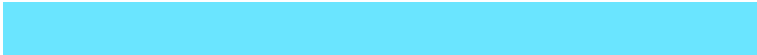
FFC1AB



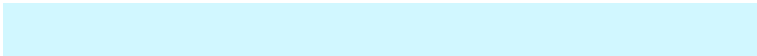
ECD392

Sweetspot

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



6AE5FF



D1F7FF



6AFF83



637B80



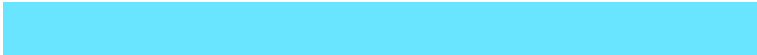
000000



808080

Same Dimension

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



6AE5FF



4DE0FF



6A9CFF



737D80



009EBF



003540

Inverse Universe

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



FF6AE5



FF4DE0



FFCD6A



80737D



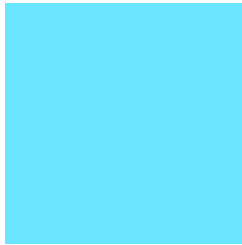
BF009E



400035

Previews

White Background



This preview shows how the Hex color 6AE5FF looks on a white background.

Color Contrast Check

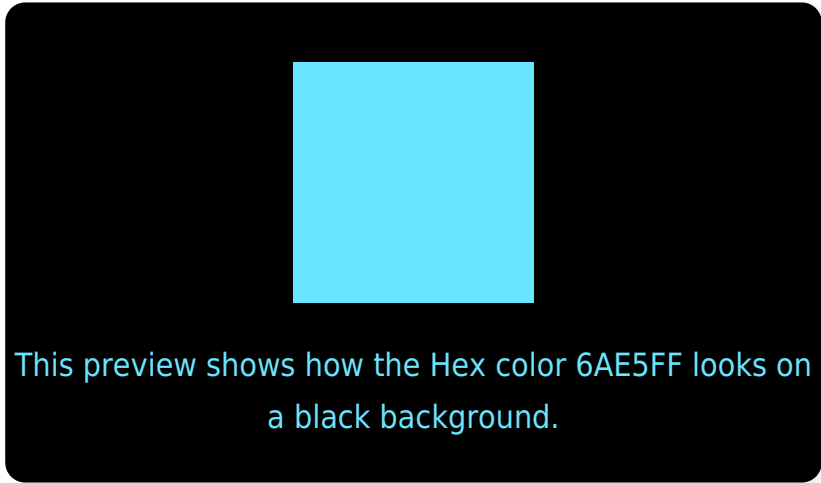
Large Text (above 18pt) WCAG AA × Fail

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 6AE5FF Background



This preview shows how black text looks on a background with the Hex color 6AE5FF.

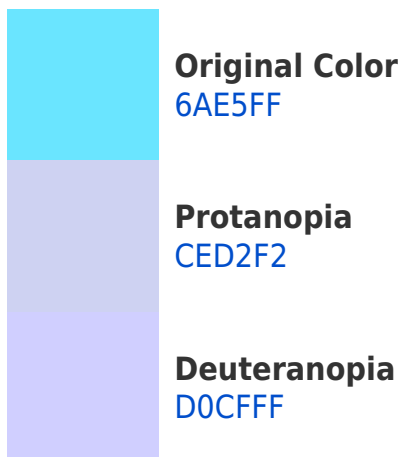


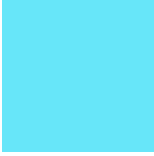
This preview shows how white text looks on a background with the Hex color 6AE5FF.

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](#).

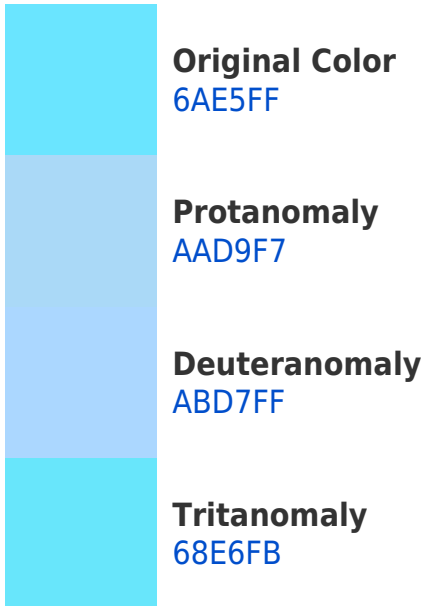
Dichromacy



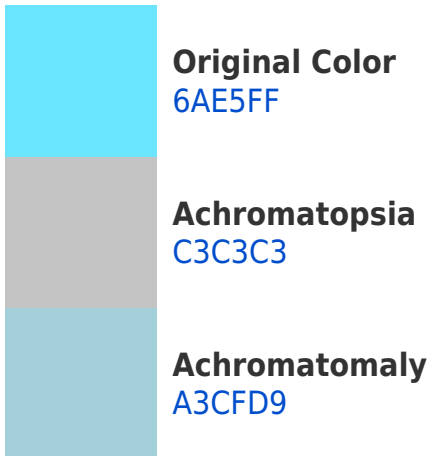


Tritanopia
67E6F9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AE5FF 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 #6AE5FF looks like.

```
.text, #text, p{  
    color:#6AE5FF  
}
```

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 #6AE5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AE5FF
}
```

Border

The CSS property to change the border of an element to Hex 6AE5FF 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
#6AE5FF }
```

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

```
.border{ border-color:#6AE5FF }
```

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

Here you see how a box with a 4 pixel #6AE5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AE5FF; -webkit-box-shadow:4px 4px  
4px 4px #6AE5FF; box-shadow:4px 4px 4px  
4px #6AE5FF }
```

Background

The CSS property to change the background color of an element to Hex 6AE5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AE5FF }
```

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

```
.background{ background-color:#6AE5FF }
```

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