

Converting Colors

Hex(6ACDFF)

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

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Color

Hex(6ACDFF)

Conversions

Conversions Part 1

Format	Color
Hex	6ACDFF
RGB	106, 205, 255
RGB Percent	42%, 80%, 100%
CMY	0.5843, 0.1961, 0.0000
CMYK	0.58, 0.20, 0.00, 0.00
HSL	200°, 100%, 71%
HSV	200°, 58%, 100%
XYZ	45.8252, 53.9468, 102.6053
YIQ	181.0990, -75.0540, -5.4380

Conversions

Conversions Part 2

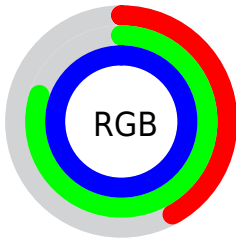
Format	Color
R _Y B	106, 165, 255
Decimal	6999551
CIE Lab	78.43, -14.96, -33.27
CIE LCh	78, 36.479, 245.783
Yxy	53.9468, 0.2264, 0.2666
Android (android.graphics.Color)	4285189631 (0xFF6ACDFF)
YUV	181.0990, 36.4332, -65.8618
Hunter-Lab	73.4485, -17.1671, -31.4123

Details

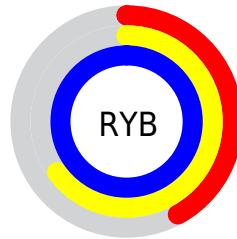
The Hex color **6ACDFF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FF9C6A**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **A7FFFF**, and **1D97C6** is the 20% darker color. If you saturate the color by 10%, you get **51C4FF**, and if you desaturate by 10%, it is **84D6FF**.

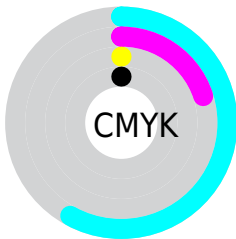
Distribution



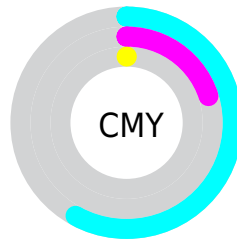
- Red (42%)
- Green (80%)
- Blue (100%)



- Red (42%)
- Yellow (65%)
- Blue (100%)



- Cyan (58%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 6ACDFF

 6ACDFF

FFFFFF

 49B2E2

 A7FFFF

 1D97C6

 C6FFFF

 007DAB


 E4FFFF

 006490

 004C76

 00355D

 002145

 00042F

 000119

■ 6ACDFF

■ 6ACDFF

■ 51C4FF

■ 84D6FF

■ 37BCFF

■ 9DDEFF

■ 1EB3FF

■ B7E7FF

■ 04ABFF

■ D0EFFF

■ 00A9FF

■ EAF8FF

FFFFFF

Harmonies

Analogous

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



4CD3E9



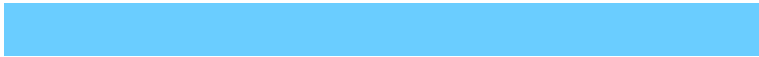
6ACDFF



9EC3FF

Triad

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



6ACDFF



FFA8BD



AECC8A

Complementary

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



6ACDFE



FF9C6A

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.



D3C27E



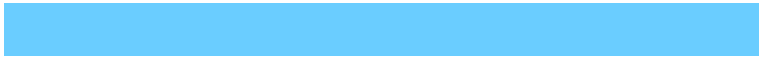
6ACDFF



FFAC9C

Square

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



6ACDFE



F3ACDF



F0B685



86D2A5

Rectangle

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



6ACDFE



C0BBFF



F0B685



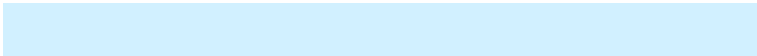
BBC984

Sweetspot

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



6ACDFF



D1F0FF



6AFF9C



637680



000000



808080

Same Dimension

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



6ACDFF



4DC3FF



6A83FF



737B80



007FBF



002A40

Inverse Universe

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



FF6ACD



FF4DC3



FFE66A



80737B



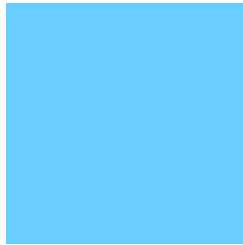
BF007F



40002A

Previews

White Background



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

Color Contrast Check

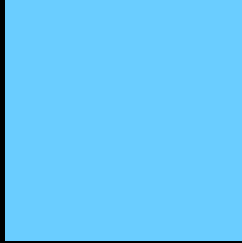
Large Text (above 18pt) WCAG AA × Fail

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 6ACDFF 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

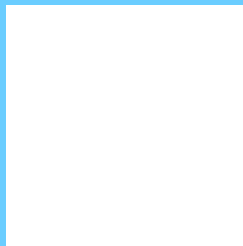
Any Text WCAG AAA ✓ Pass

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

Hex 6ACDFF Background



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

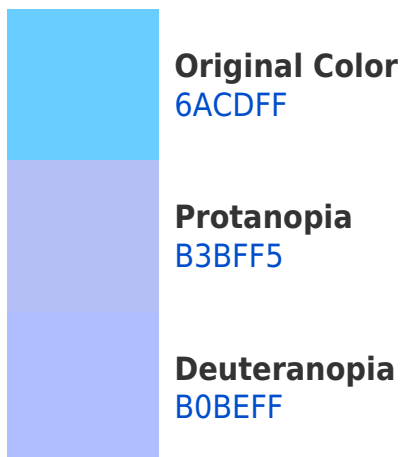


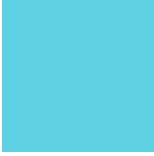
This preview shows how white text looks on a background with the Hex color 6ACDFF.

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](#).

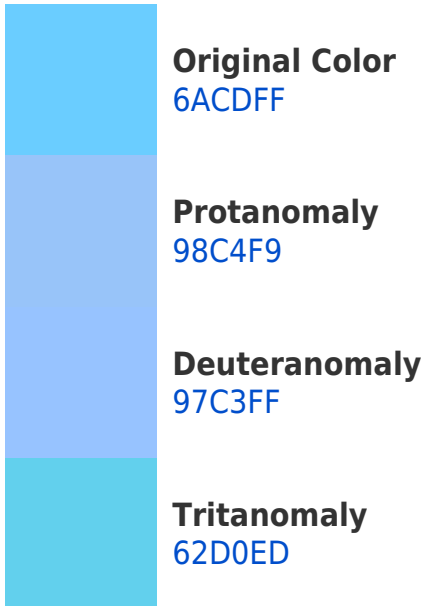
Dichromacy



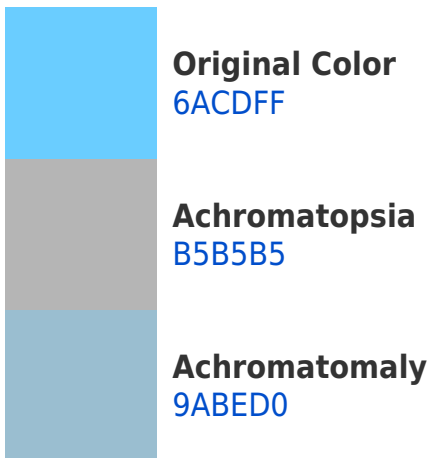


Tritanopia
5ED2E3

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #6ACDFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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