

Converting Colors

Hex(6ACCFA)

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

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Color

Hex(6ACCFA)

Conversions

Conversions Part 1

Format	Color
Hex	6ACCFA
RGB	106, 204, 250
RGB Percent	42%, 80%, 98%
CMY	0.5843, 0.2000, 0.0196
CMYK	0.58, 0.18, 0.00, 0.02
HSL	199°, 94%, 70%
HSV	199°, 58%, 98%
XYZ	44.7920, 53.1520, 98.3411
YIQ	179.9420, -73.1740, -6.4700

Conversions

Conversions Part 2

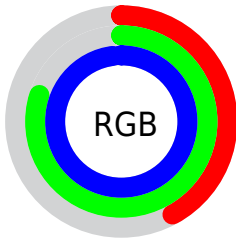
Format	Color
RYB	106, 164, 250
Decimal	6999290
CIELab	77.96, -15.92, -31.32
CIELCh	78, 35.133, 243.048
Yxy	53.1520, 0.2282, 0.2708
Android (android.graphics.Color)	4285189370 (0xFF6ACCFA)
YUV	179.9420, 34.5386, -64.8471
Hunter-Lab	72.9054, -17.9167, -28.9416

Details

The Hex color **6ACCFA** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FA986A**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **A7FFFF**, and **2096C1** is the 20% darker color. If you saturate the color by 10%, you get **51C4FA**, and if you desaturate by 10%, it is **83D4FA**.

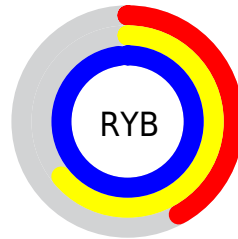
Distribution



Red (42%)

Green (80%)

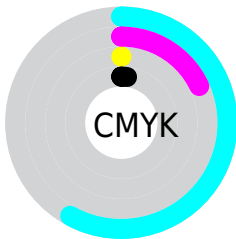
Blue (98%)



Red (42%)

Yellow (64%)

Blue (98%)

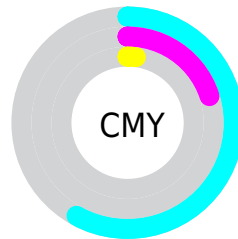


Cyan (58%)

Magenta (18%)

Yellow (0%)

Black (2%)



Cyan (58%)

Magenta (20%)

Yellow (2%)

Brightness & Saturation Gradients

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

 6ACCFA

 6ACCFA

FFFFFF

 49B1DD

 A7FFFF

 2096C1

 C5FFFF

 007CA6

 E3FFFF

 00638C

 004B72

 003459

 002041

 00032B

 000116

6ACCFA

6ACCFA

51C4FA

83D4FA

38BCFA

9CDCFA

1FB4FA

B5E4FA

06ACFA

CEECFA

00AAFA

E7F4FA

FFFCFA

FFFFFA

Harmonies

Analogous

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



52D1E3



6ACCFA



9AC3FF

Triad

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



6ACCFA



FFA8BF



B1C989

Complementary

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



6ACCFA



FA986A

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.



D4C07F



6ACCFA



FFAB9F

Square

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



6ACCFA



EDADDF



F0B588



8BD0A2

Rectangle

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



6ACCFA



BBBBFD



F0B588



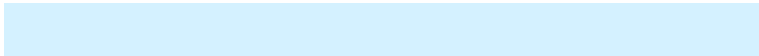
BDC784

Sweetspot

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



6ACCFA



D4F1FF



6AFA98



667780



000000



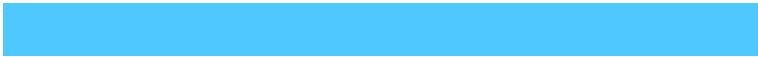
808080

Same Dimension

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



6ACCFA



4FC7FF



6A84FA



70797D



0080BD



002A3D

Inverse Universe

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



FA6ACC



FF4FC7



FAE06A



7D7079



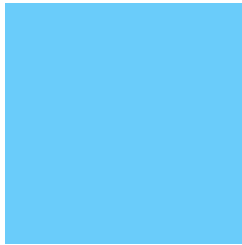
BD0080



3D002A

Previews

White Background



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

Color Contrast Check

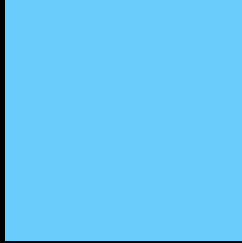
Large Text (above 18pt) WCAG AA × Fail

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 6ACCFA 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

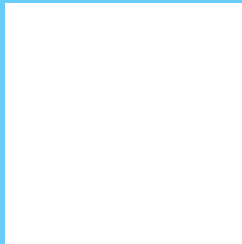
Any Text WCAG AAA ✓ Pass

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

Hex 6ACCFA Background



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

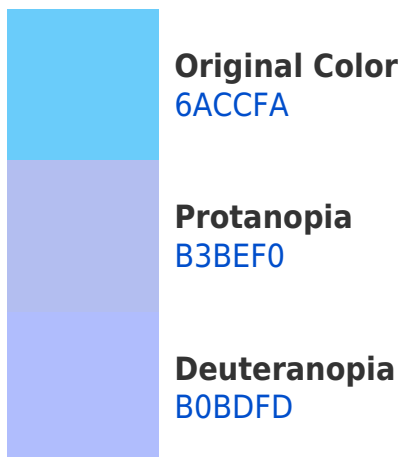


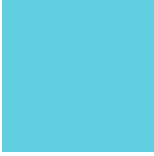
This preview shows how white text looks on a background with the Hex color 6ACCFA.

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](#).

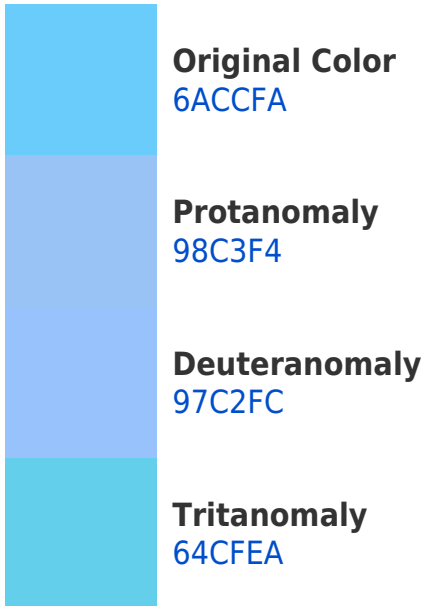
Dichromacy





Tritanopia
60D0E1

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #6ACCFA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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