Converting Colors

Hex(6FCCFF)

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

Hex(6FCCFF) 3
Conversions 4
Details 6
Harmonies 11
Previews 23
Color Blindness Simulation 26
CSS Examples 29

Color

Hex(6FCCFF)

Conversions

Conversions Part 1

Format	Color
Hex	6FCCFF
RGB	111, 204, 255
RGB Percent	44%, 80%, 100%
CMY	0.5647, 0.2000, 0.0000
CMYK	0.56, 0.20, 0.00, 0.00
HSL	201°, 100%, 72%
HSV	201°, 56%, 100%
XYZ	46.1984, 53.7852, 102.5544
YIQ	182.0070, -71.7990, -3.8550

Conversions

Conversions Part 2

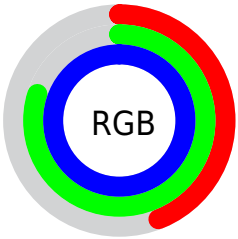
Format	Color
RYB	111, 168, 255
Decimal	7326975
CIELab	78.34, -13.50, -33.40
CIELCh	78, 36.022, 247.998
Yxy	53.7852, 0.2281, 0.2656
Android (android.graphics.Color)	4285517055 (0xFF6FCCFF)
YUV	182.0070, 35.9855, -62.2731
Hunter-Lab	73.3384, -15.8989, -31.5726

Details

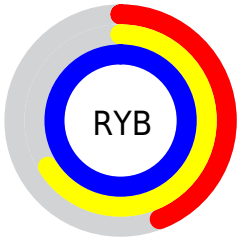
The Hex color 6FCCFF is a light color, and the websafe version is hex 66CCFF. A complement of this color would be FFA26F, and the grayscale version is B6B6B6.

A 20% lighter version of the original color is ACFFFF, and 2896C6 is the 20% darker color. If you saturate the color by 10%, you get 56C3FF, and if you desaturate by 10%, it is 89D5FF.

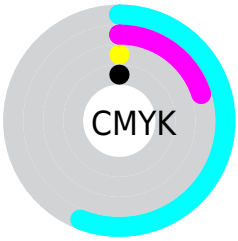
Distribution



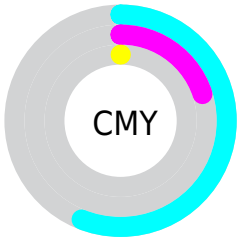
- Red (44%)
- Green (80%)
- Blue (100%)



- Red (44%)
- Yellow (66%)
- Blue (100%)



- Cyan (56%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

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

6FCCFF

FFFFFF

ACFFFF

CAFFFF

E8FFFF

6FCCFF

4FB1E2

2896C6

007CAB

006390

004B76

00355D

002045

00042F

000119

6FCCFF	6FCCFF
56C3FF	89D5FF
3CBAFF	A2DEFF
22B1FF	BCE7FF
09A8FF	D5F0FF
00A5FF	EFF9FF
	FFFFFF

Harmonies

Analogous

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

4FD2EA

6FCCFF

A2C2FF

Triad

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

6FCCFF

FFA8BA

ABCC8C

Complementary

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

6FCCFF

FFA26F

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.

D0C37F

6FCCFF

FFAD9A

Square

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

6FCCFF

F4ACDC

EEB784

84D2A8

Rectangle

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

6FCCFF

C3BAFD

EEB784

B8C986

Sweetspot

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

6FCCFF

D4F0FF

6FFFA1

667680

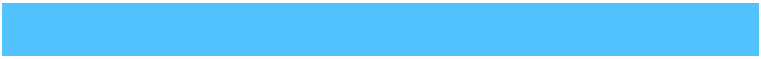
000000

808080

Same Dimension

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

6FCCFF



52C2FF

6F85FF

737B80

007CBF

002940

Inverse Universe

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

FF6FCC

FF52C2

FFE96F

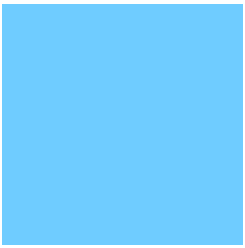
80737B

BF007C

400029

Previews

White Background

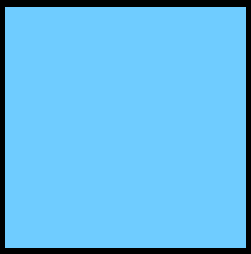


This preview shows how the Hex color 6FCCFF looks on a white background.

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



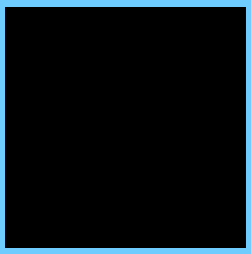
This preview shows how the Hex color 6FCCFF looks on a black background.

Color Contrast Check

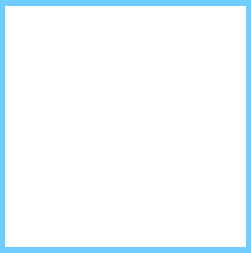
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 6FCCFF Background



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



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

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

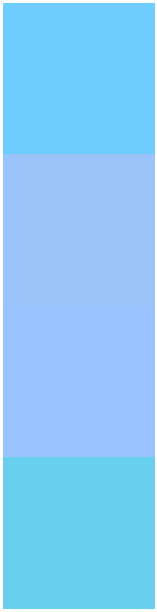
Original Color
6FCCFF

Protanopia
B3BFF5

Deuteranopia
B0BEFF

Tritanopia
64D1E2

Trichromacy



Original Color
6FCCFF

Protanomaly
9AC4F9

Deuteranomaly
98C3FF

Tritanomaly
68CFED

Monochromacy

Original Color
6FCCFF

Achromatopsia
B6B6B6

Achromatomaly
9CBED1

CSS Examples

Text

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

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

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 #6FCCFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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