

Converting Colors

Hex(75CEFF)

Have a look what the booklet for
Hex(75CEFF) contains.

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Color

Hex(75CEFF)

Conversions

Conversions Part 1

Format	Color
Hex	75CEFF
RGB	117, 206, 255
RGB Percent	46%, 81%, 100%
CMY	0.5412, 0.1922, 0.0000
CMYK	0.54, 0.19, 0.00, 0.00
HSL	201°, 100%, 73%
HSV	201°, 54%, 100%
XYZ	47.4574, 55.1445, 102.7504
YIQ	184.9750, -68.7730, -3.6290

Conversions

Conversions Part 2

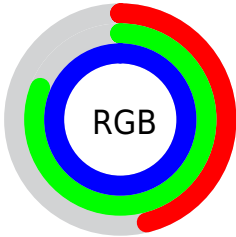
Format	Color
RYB	117, 171, 255
Decimal	7720703
CIELab	79.12, -13.35, -32.16
CIELCh	79, 34.826, 247.455
Yxy	55.1445, 0.2311, 0.2685
Android (android.graphics.Color)	4285910783 (0xFF75CEFF)
YUV	184.9750, 34.5223, -59.6141
Hunter-Lab	74.2594, -15.8787, -30.0562

Details

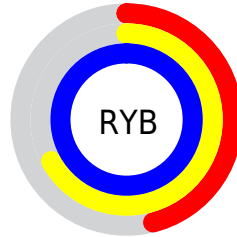
The Hex color **75CEFF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFA675**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **B1FFFF**, and **3398C6** is the 20% darker color. If you saturate the color by 10%, you get **5BC5FF**, and if you desaturate by 10%, it is **8FD7FF**.

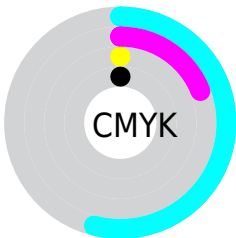
Distribution



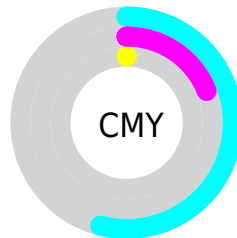
- Red (46%)
- Green (81%)
- Blue (100%)



- Red (46%)
- Yellow (67%)
- Blue (100%)



- Cyan (54%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75CEFF 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 75CEFF by changing the saturation by 10% instead.

 75CEFF

 75CEFF

FFFFFF

 56B3E2

 B1FFFF

 3398C6

 CFFFFFF

 007EAB


 EDFFFF

 006590

 004D76

 00365D

 002145

 00042F

 000119

 75CEFF

 75CEFF

 5BC5FF

 8FD7FF

 42BCFF

 A8E0FF

 28B3FF

 C2E9FF

 0FAAFF

 DBF2FF

 00A4FF

 F4FBFF

FFFFFF

Harmonies

Analogous

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



59D4EA



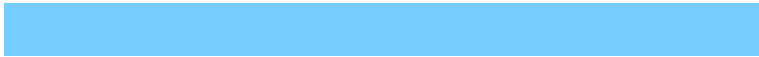
75CEFF



A5C4FF

Triad

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



75CEFF



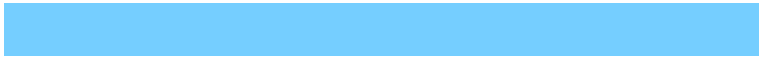
FFACBD



AFCE90

Complementary

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



75CEFF



FFA675

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.



D3C583



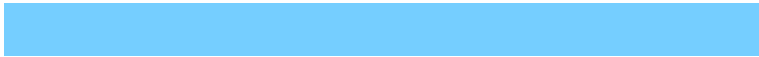
75CEFF



FFB09E

Square

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



75CEFF



F4AFDE



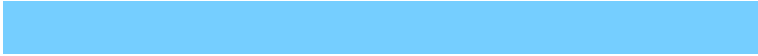
EFBA89



89D4AA

Rectangle

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



75CEFF



C5BDFD



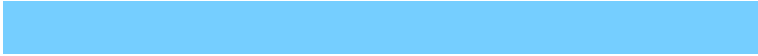
EFBA89



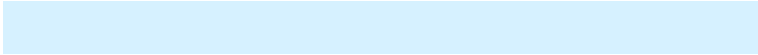
BBCB8A

Sweetspot

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



75CEFF



D6F1FF



75FFA5



677780



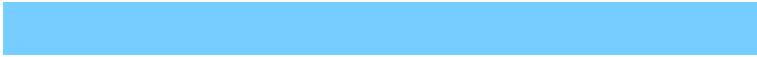
000000



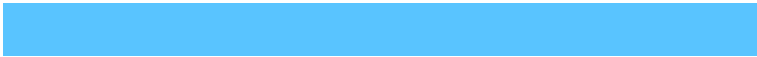
808080

Same Dimension

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



75CEFF



59C4FF



758AFF



737B80



007BBF



002940

Inverse Universe

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



FF75CE



FF59C4



FFEA75



80737B



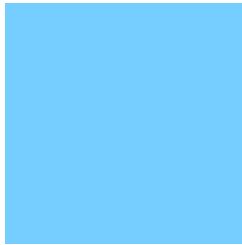
BF007B



400029

Previews

White Background



This preview shows how the Hex color 75CEFF looks on a white background.

Color Contrast Check

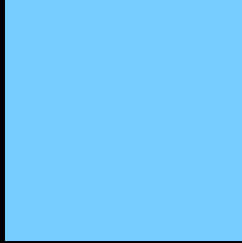
Large Text (above 18pt) WCAG AA × Fail

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 75CEFF 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

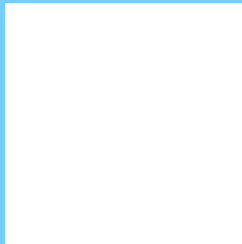
Any Text WCAG AAA ✓ Pass

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

Hex 75CEFF Background



This preview shows how black text looks on a background with the Hex color 75CEFF.

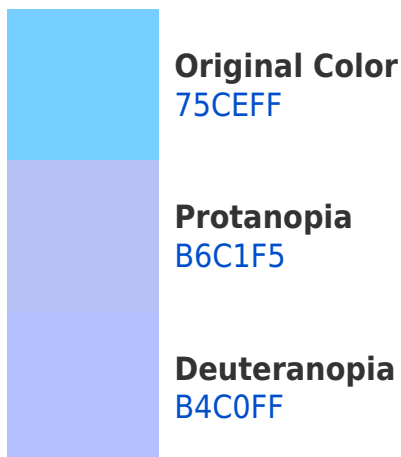


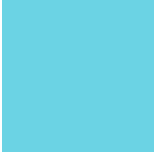
This preview shows how white text looks on a background with the Hex color 75CEFF.

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](#).

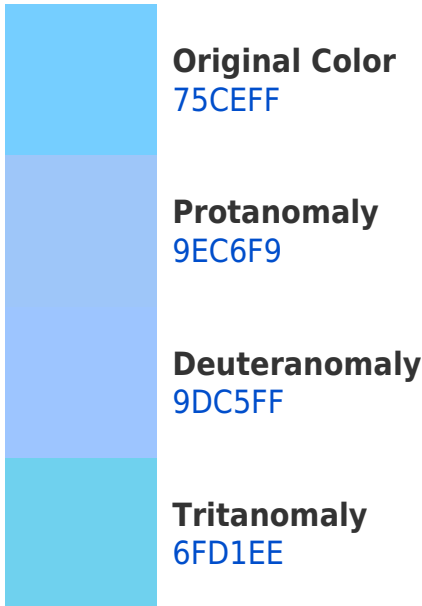
Dichromacy



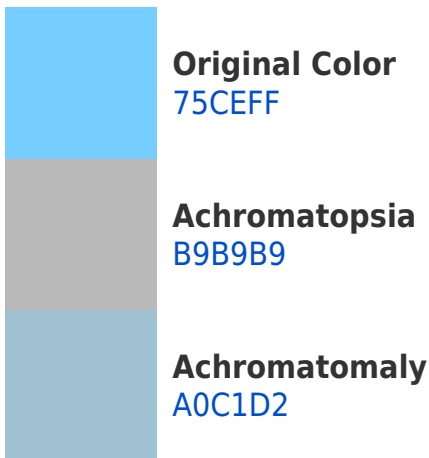


Tritanopia
6BD3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75CEFF 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 #75CEFF looks like.

```
.text, #text, p{  
    color:#75CEFF  
}
```

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 #75CEFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75CEFF
}
```

Border

The CSS property to change the border of an element to Hex 75CEFF 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
#75CEFF }
```

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

```
.border{ border-color:#75CEFF }
```

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

Here you see how a box with a 4 pixel #75CEFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75CEFF; -webkit-box-shadow:4px 4px  
4px 4px #75CEFF; box-shadow:4px 4px 4px  
4px #75CEFF }
```

Background

The CSS property to change the background color of an element to Hex 75CEFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75CEFF }
```

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

```
.background{ background-color:#75CEFF }
```

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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