

# Converting Colors

Hex(74AAFF)

Have a look what the booklet for  
Hex(74AAFF) contains.

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# **Color**

**Hex(74AAFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74AAFF
RGB	116, 170, 255
RGB Percent	45%, 67%, 100%
CMY	0.5451, 0.3333, 0.0000
CMYK	0.55, 0.33, 0.00, 0.00
HSL	217°, 100%, 73%
HSV	217°, 55%, 100%
XYZ	39.6272, 39.6825, 100.1786
YIQ	163.5440, -59.4690, 14.9870

# Conversions

## Conversions Part 2

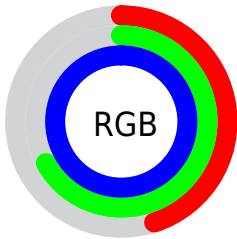
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">116, 155, 255</a>
Decimal	<a href="#">7645951</a>
CIELab	<a href="#">69.24, 6.10, -47.55</a>
CIELCh	<a href="#">69, 47.941, 277.311</a>
Yxy	<a href="#">39.6825, 0.2208, 0.2211</a>
Android (android.graphics.Color)	<a href="#">4285836031 (0xFF74AAFF)</a>
YUV	<a href="#">163.5440, 45.0878, -41.6961</a>
Hunter-Lab	<a href="#">62.9940, 2.0482, -50.1924</a>

# Details

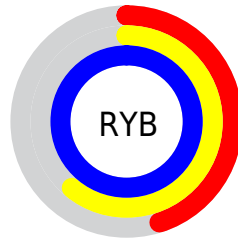
The Hex color **74AAFF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFC974**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **AFE1FF**, and **3376C6** is the 20% darker color. If you saturate the color by 10%, you get **5A9AFF**, and if you desaturate by 10%, it is **8EBAFF**.

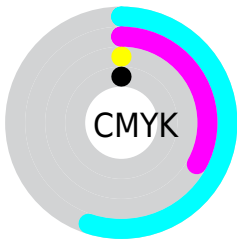
# Distribution



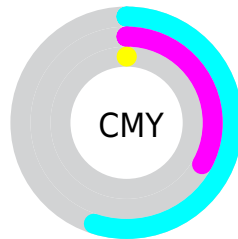
- Red (45%)
- Green (67%)
- Blue (100%)



- Red (45%)
- Yellow (61%)
- Blue (100%)



- Cyan (55%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (33%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74AAFF 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 74AAFF by changing the saturation by 10% instead.



 74AAFF

 74AAFF

FFFFFF

 5590E2

 AFE1FF

 3376C6

 CDFEFF

 005EAA

 EBFFFF

 00478F

 003175

 001D5C

 000544

 00032D

 000117

 74AAFF

 74AAFF

 5A9AFF

 8EBAFF

 418BFF

 A7C9FF

 277BFF

 C1D9FF

 0E6CFF

 DAE8FF

 0063FF

 F3F8FF

FFFFFF

# Harmonies

## Analogous

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



00B7F8



74AAFF



BB9AEE

# Triad

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



74AAFF



F68C77



4FBD86

# Complementary

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



74AAFF



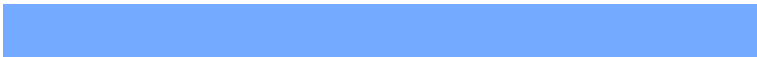
FFC974

# 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.



8BB662



74AAFF



DE9B59

# Square

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



74AAFF



FB85A0



B9AA50



00FBF3

# Rectangle

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



74AAFF



DB8FD9



B9AA50

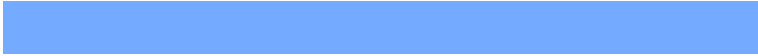


66BB78



# Sweetspot

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



74AAFF



D6E6FF



74FFC7



677180



000000

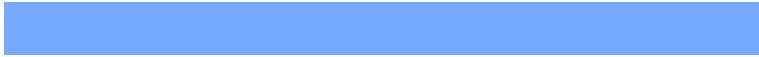


808080



# Same Dimension

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



74AAFF



599AFF



8274FF



737880



004ABF



001940



# Inverse Universe

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



FF74AA



FF599A



F1FF74



807378



BF004A

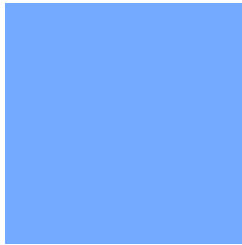


400019



# Previews

## White Background



This preview shows how the Hex color 74AAFF looks on a white background.

## Color Contrast Check

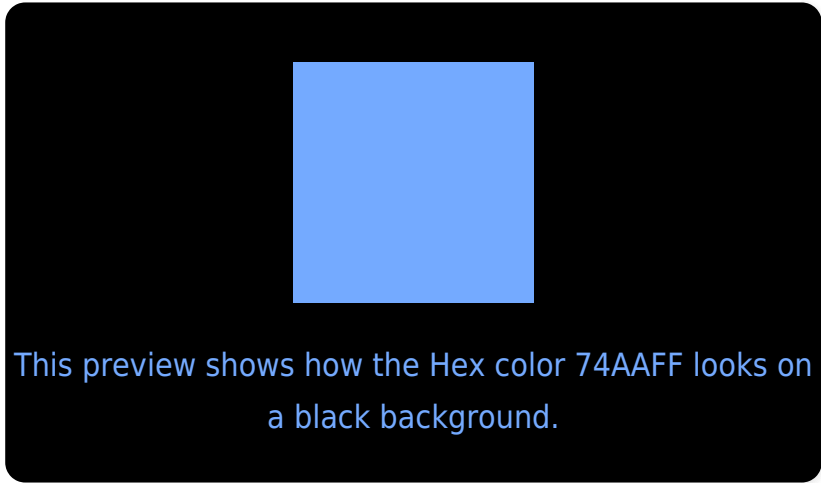
Large Text (above 18pt) WCAG AA × Fail

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

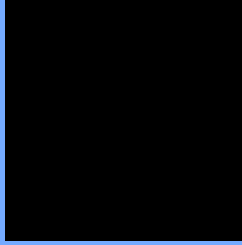
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

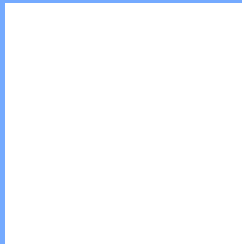
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 74AAFF Background



This preview shows how black text looks on a background with the Hex color 74AAFF.



This preview shows how white text looks on a background with the Hex color 74AAFF.

# 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](#).

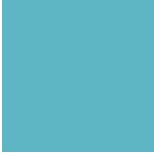
## Dichromacy



**Original Color**  
74AAFF

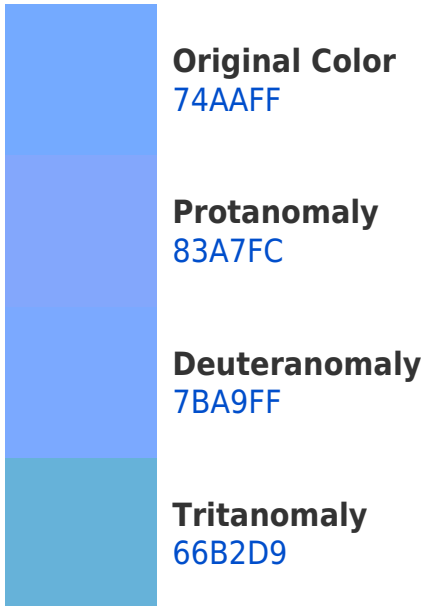
**Protanopia**  
8BA5FB

**Deuteranopia**  
7FA8FF

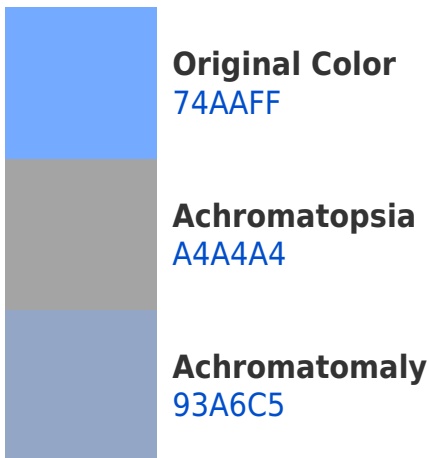


**Tritanopia**  
5EB6C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74AAFF 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 #74AAFF looks like.

```
.text, #text, p{  
    color:#74AAFF  
}
```

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 #74AAFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74AAFF
}
```

## Border

The CSS property to change the border of an element to Hex 74AAFF 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
#74AAFF }
```

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

```
.border{ border-color:#74AAFF }
```

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

Here you see how a box with a 4 pixel #74AAFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74AAFF; -webkit-box-shadow:4px 4px  
4px 4px #74AAFF; box-shadow:4px 4px 4px  
4px #74AAFF }
```

# Background

The CSS property to change the background color of an element to Hex 74AAFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74AAFF }
```

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

```
.background{ background-color:#74AAFF }
```

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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