

# Converting Colors

Hex(75AADF)

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

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# **Color**

**Hex(75AADF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75AADF
RGB	117, 170, 223
RGB Percent	46%, 67%, 87%
CMY	0.5412, 0.3333, 0.1255
CMYK	0.48, 0.24, 0.00, 0.13
HSL	210°, 62%, 67%
HSV	210°, 48%, 87%
XYZ	35.0301, 37.8591, 75.2733
YIQ	160.1950, -48.6010, 5.2470

# Conversions

## Conversions Part 2

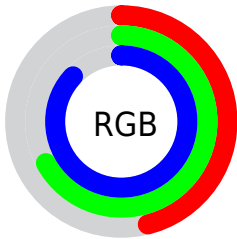
Format	Color
<a href="#">RYB</a>	<a href="#">117, 152, 223</a>
Decimal	<a href="#">7711455</a>
CIELab	<a href="#">67.92, -3.22, -32.16</a>
CIELCh	<a href="#">68, 32.321, 264.274</a>
Yxy	<a href="#">37.8591, 0.2364, 0.2555</a>
Android (android.graphics.Color)	<a href="#">4285901535</a> ( <a href="#">0xFF75AADF</a> )
YUV	<a href="#">160.1950, 30.9629, -37.8820</a>
Hunter-Lab	<a href="#">61.5297, -6.0533, -29.4625</a>

# Details

The Hex color **75AADF** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DFAA75**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **AEE1FF**, and **3B76A8** is the 20% darker color. If you saturate the color by 10%, you get **5F9FDF**, and if you desaturate by 10%, it is **8BB5DF**.

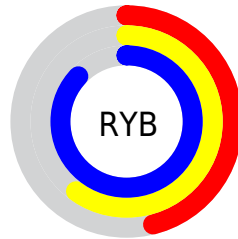
# Distribution



Red (46%)

Green (67%)

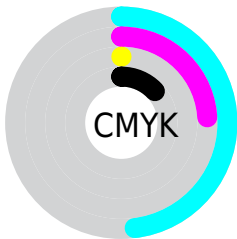
Blue (87%)



Red (46%)

Yellow (60%)

Blue (87%)

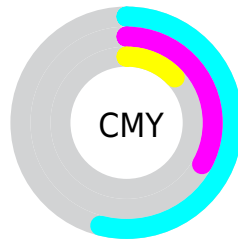


Cyan (48%)

Magenta (24%)

Yellow (0%)

Black (13%)



Cyan (54%)

Magenta (33%)

Yellow (13%)

# Brightness & Saturation Gradients

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



■ 75AADF

■ 75AADF

FFFFFF

■ 5990C3

■ AEE1FF

■ 3B76A8

■ CAFEFF

■ 185E8D

■ E8FFFF

■ 004673

■ 00305A

■ 001C43

■ 00032C

■ 000117

■ 000000

 75AADF

 75AADF

 5F9FDF

 8BB5DF

 4894DF


 A2C0DF

 3289DF

 B8CBDF

 1C7DDF

 CED7DF

 0572DF

 E4E2DF

 0070DF

 FBEDDF

 FFF8DF

 FFFFDF

# Harmonies

## Analogous

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



4CB1D4



75AADF



A2A0DB

# Triad

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



75AADF



DF918F



7FB283

# Complementary

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



75AADF



DFAA75

# 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.



A1AB70



75AADF



D59877

# Square

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



75AADF



DA90AC



BFA26B



5CB59F

# Rectangle

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



75AADF



BB99CF



BFA26B



8BB07B

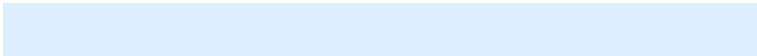


# Sweetspot

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



75AADF



DBEDFF



75DFAA



6A7580



000000



808080

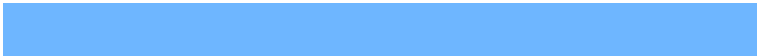


# Same Dimension

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



75AADF



6EB6FF



7575DF



656B70



0058B0



001830



# Inverse Universe

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



DF75AA



FF6EB6



DFDF75



70656B



B00058



300018



# Previews

## White Background



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

## Color Contrast Check

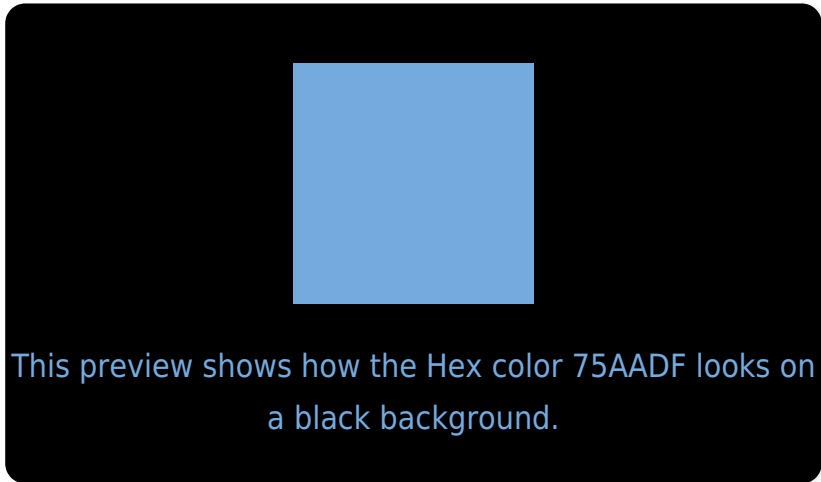
Large Text (above 18pt) WCAG AA × Fail

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 75AADF Background



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

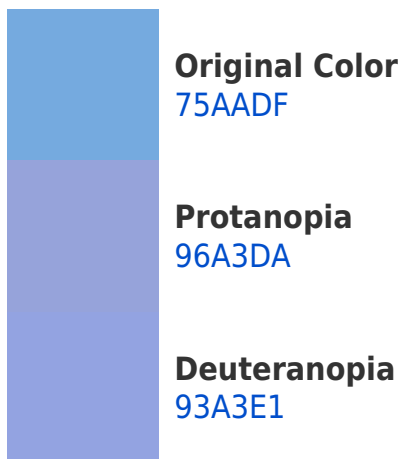


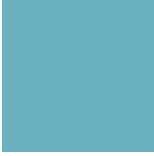
This preview shows how white text looks on a background with the Hex color 75AADF.

# 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](#).

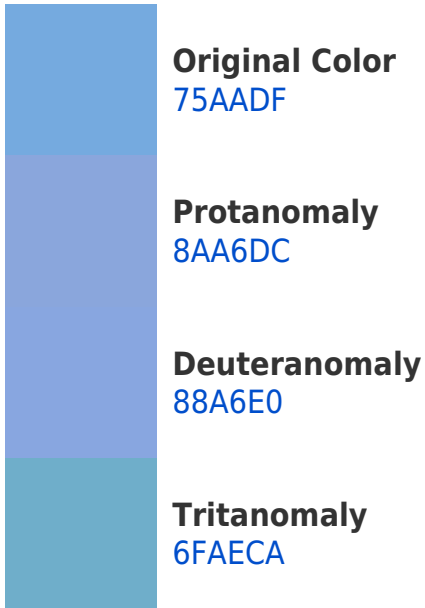
## Dichromacy



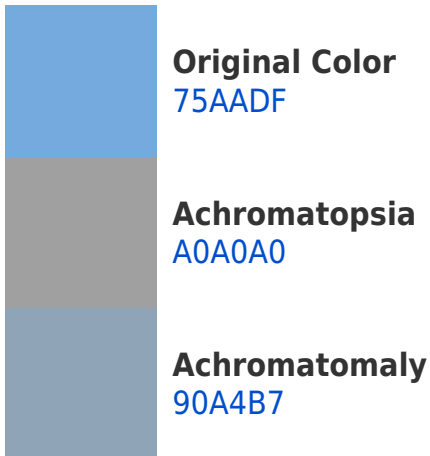


**Tritanopia**  
6BBOBE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #75AADF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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