

Converting Colors

Hex(76A5DF)

Have a look what the booklet for
Hex(76A5DF) contains.

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Color

Hex(76A5DF)

Conversions

Conversions Part 1

Format	Color
Hex	76A5DF
RGB	118, 165, 223
RGB Percent	46%, 65%, 87%
CMY	0.5373, 0.3529, 0.1255
CMYK	0.47, 0.26, 0.00, 0.13
HSL	213°, 62%, 67%
HSV	213°, 47%, 87%
XYZ	34.2456, 36.0895, 74.9731
YIQ	157.5590, -46.6300, 8.0740

Conversions

Conversions Part 2

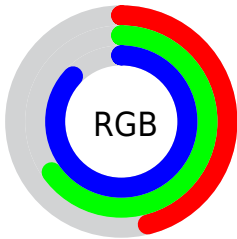
Format	Color
R _Y B	118, 150, 223
Decimal	7775711
CIE Lab	66.59, -0.20, -34.21
CIE LCh	67, 34.216, 269.673
Yxy	36.0895, 0.2357, 0.2484
Android (android.graphics.Color)	4285965791 (0xFF76A5DF)
YUV	157.5590, 32.2624, -34.6932
Hunter-Lab	60.0746, -3.3762, -31.9417

Details

The Hex color **76A5DF** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DFB076**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **AFDCFF**, and **3D71A8** is the 20% darker color. If you saturate the color by 10%, you get **6099DF**, and if you desaturate by 10%, it is **8CB1DF**.

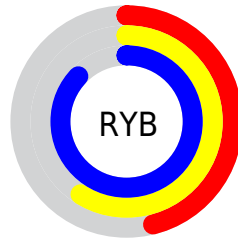
Distribution



Red (46%)

Green (65%)

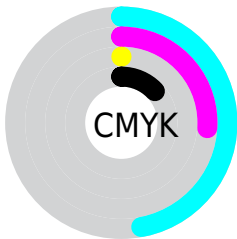
Blue (87%)



Red (46%)

Yellow (59%)

Blue (87%)

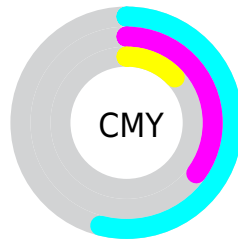


Cyan (47%)

Magenta (26%)

Yellow (0%)

Black (13%)



Cyan (54%)

Magenta (35%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76A5DF 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 76A5DF by changing the saturation by 10% instead.

 76A5DF

 76A5DF

FFFFFF

 5A8BC3

 AFDCFF

 3D71A8

 CBF8FF

 1B598D

 E9FFFF

 004273

 002C5A

 001842

 00032C

 000116

 000000

 76A5DF

 76A5DF

 6099DF

 8CB1DF

 498CDF

 A3BEDF

 3380DF

 B9CADF

 1D74DF

 CFD6DF

 0667DF

 E6E3DF

 0064DF

 FCEFDf

 FFFBDF

 FFFFDF

Harmonies

Analogous

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



44ADD6



76A5DF



A59AD7

Triad

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



76A5DF



DD8D85



72B082

Complementary

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



76A5DF



DFB076

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.



97A96C



76A5DF



D0956E

Square

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



76A5DF



DC8AA3



B7A064



4BB2A1

Rectangle

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



76A5DF



BE93CA



B7A064



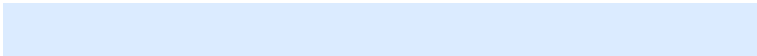
7FAE79

Sweetspot

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



76A5DF



DBEBFF



76DFB0



6A7480



000000



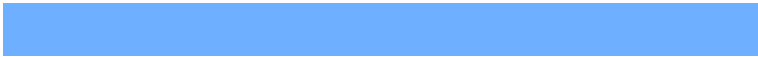
808080

Same Dimension

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



76A5DF



6EAFFF



7B76DF



656A70



004FB0



001630

Inverse Universe

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



DF76A5



FF6EAF



DADF76



70656A



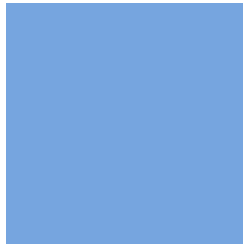
B0004F



300016

Previews

White Background



This preview shows how the Hex color 76A5DF looks on a white background.

Color Contrast Check

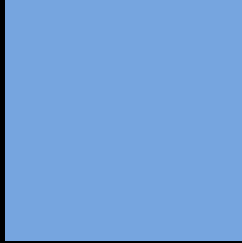
Large Text (above 18pt) WCAG AA × Fail

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 76A5DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

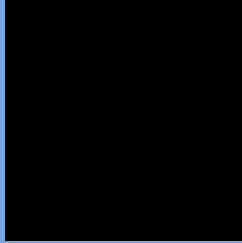
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

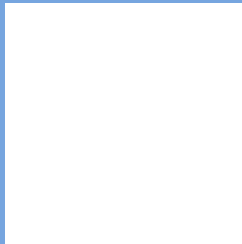
Any Text WCAG AAA ✓ Pass

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

Hex 76A5DF Background



This preview shows how black text looks on a background with the Hex color 76A5DF.

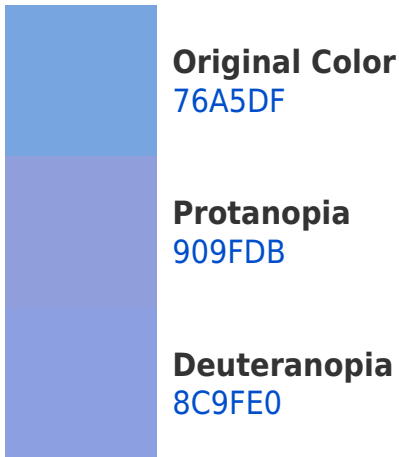


This preview shows how white text looks on a background with the Hex color 76A5DF.

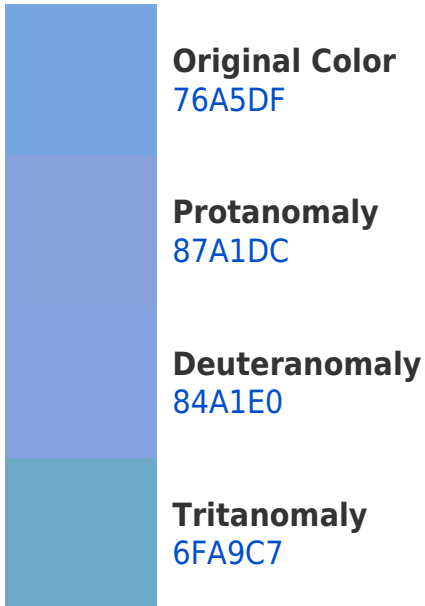
Color Blindness Simulation

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](#).

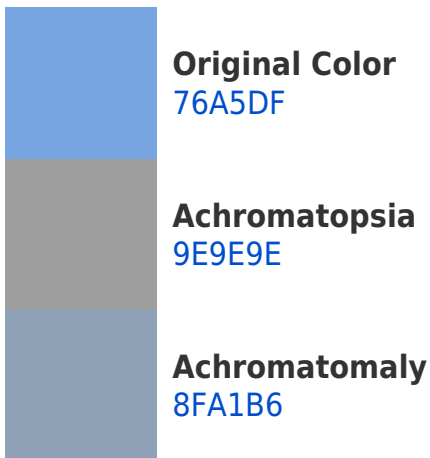
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76A5DF 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 #76A5DF looks like.

```
.text, #text, p{  
    color:#76A5DF  
}
```

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 #76A5DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A5DF  
}
```

Border

The CSS property to change the border of an element to Hex 76A5DF 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  
#76A5DF }
```

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

```
.border{ border-color:#76A5DF }
```

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

Here you see how a box with a 4 pixel #76A5DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A5DF; -webkit-box-shadow:4px 4px  
4px 4px #76A5DF; box-shadow:4px 4px 4px  
4px #76A5DF }
```

Background

The CSS property to change the background color of an element to Hex 76A5DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A5DF }
```

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

```
.background{ background-color:#76A5DF }
```

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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