

# Converting Colors

Hex(75A3DA)

Have a look what the booklet for  
Hex(75A3DA) contains.

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# **Color**

**Hex(75A3DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75A3DA
RGB	117, 163, 218
RGB Percent	46%, 64%, 85%
CMY	0.5412, 0.3608, 0.1451
CMYK	0.46, 0.25, 0.00, 0.15
HSL	213°, 58%, 66%
HSV	213°, 46%, 85%
XYZ	33.0882, 35.0382, 71.3488
YIQ	155.5160, -45.0710, 7.3530

# Conversions

## Conversions Part 2

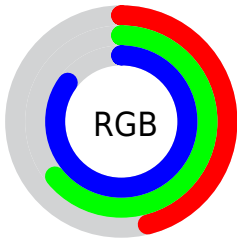
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">117, 149, 218</a>
Decimal	<a href="#">7709658</a>
CIELab	<a href="#">65.78, -0.76, -32.72</a>
CIELCh	<a href="#">66, 32.727, 268.671</a>
Yxy	<a href="#">35.0382, 0.2372, 0.2512</a>
Android (android.graphics.Color)	<a href="#">4285899738</a> ( <a href="#">0xFF75A3DA</a> )
YUV	<a href="#">155.5160, 30.8046, -33.7785</a>
Hunter-Lab	<a href="#">59.1931, -3.8087, -30.0304</a>

# Details

The Hex color **75A3DA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DAAC75**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **ADDAFF**, and **3D70A3** is the 20% darker color. If you saturate the color by 10%, you get **5F97DA**, and if you desaturate by 10%, it is **8BAFDA**.

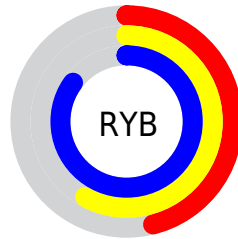
# Distribution



Red (46%)

Green (64%)

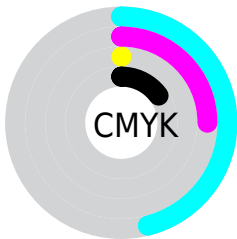
Blue (85%)



Red (46%)

Yellow (58%)

Blue (85%)

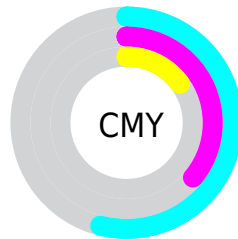


Cyan (46%)

Magenta (25%)

Yellow (0%)

Black (15%)



Cyan (54%)

Magenta (36%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75A3DA 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 75A3DA by changing the saturation by 10% instead.



 75A3DA

 75A3DA

FFFFFF

 5989BE

 ADDAFF

 3D70A3

 CAF6FF

 1B5788

 E7FFFF

 00406F

 002B56

 00163E

 000328

 000112

 000000

■ 75A3DA

■ 75A3DA

■ 5F97DA

■ 8BAFDA

■ 498BDA

■ A1BBDA

■ 347FDA

■ B6C7DA

■ 1E74DA

■ CCD2DA

■ 0868DA

■ E2DEDA

■ 0063DA

■ F8EADA

■ FFF6DA

■ FFFFDA

# Harmonies

## Analogous

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



48ABD1



75A3DA



A299D3

# Triad

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



75A3DA



D98C85



74AD80

# Complementary

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



75A3DA



DAAC75

# 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.



96A66B



75A3DA



CC936F

# Square

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



75A3DA



D78AA2



B59E65



50B09D

# Rectangle

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



75A3DA



BA92C7



B59E65



80AB78

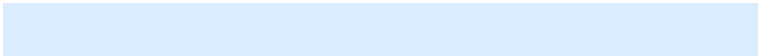


# Sweetspot

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



75A3DA



DBECFF



75DAAB



6A7480



000000



808080

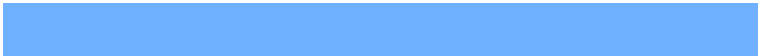


# Same Dimension

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



75A3DA



70B1FF



7875DA



63686E



004FAD



00152E



# Inverse Universe

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



DA75A3



FF70B1



D7DA75



6E6368



AD004F

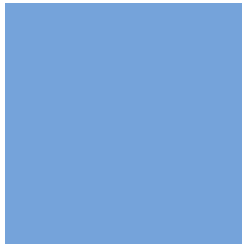


2E0015



# Previews

## White Background



This preview shows how the Hex color 75A3DA looks on a white background.

## Color Contrast Check

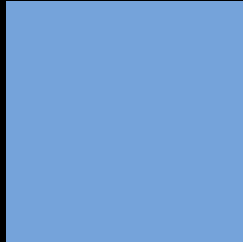
Large Text (above 18pt) WCAG AA × Fail

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 75A3DA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

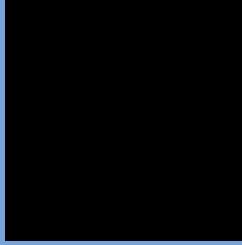
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

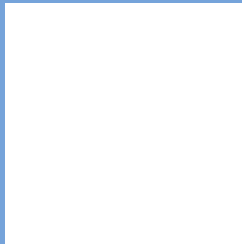
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 75A3DA Background



This preview shows how black text looks on a background with the Hex color 75A3DA.

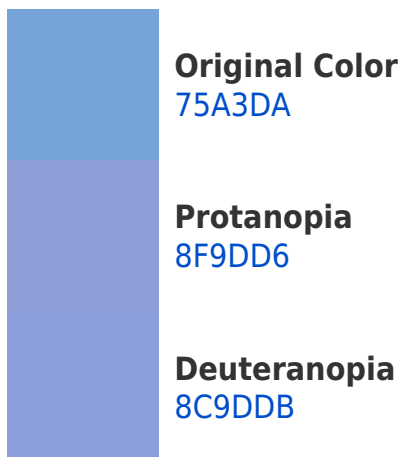


This preview shows how white text looks on a background with the Hex color 75A3DA.

# 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](#).

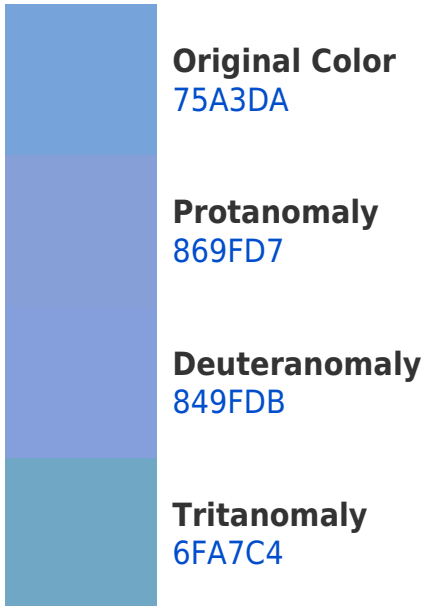
## Dichromacy



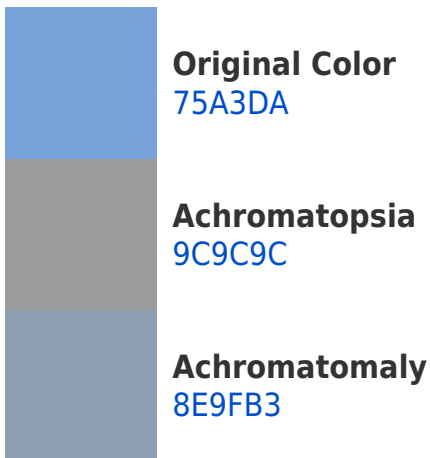


**Tritanopia**  
6BA9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75A3DA 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 #75A3DA looks like.

```
.text, #text, p{  
    color:#75A3DA  
}
```

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 #75A3DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75A3DA
}
```

## Border

The CSS property to change the border of an element to Hex 75A3DA 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
#75A3DA }
```

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

```
.border{ border-color:#75A3DA }
```

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

Here you see how a box with a 4 pixel #75A3DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75A3DA; -webkit-box-shadow:4px 4px  
4px 4px #75A3DA; box-shadow:4px 4px 4px  
4px #75A3DA }
```

# Background

The CSS property to change the background color of an element to Hex 75A3DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75A3DA }
```

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

```
.background{ background-color:#75A3DA }
```

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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