

# Converting Colors

Hex(75A7DA)

Have a look what the booklet for  
Hex(75A7DA) contains.

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# **Color**

**Hex(75A7DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75A7DA
RGB	117, 167, 218
RGB Percent	46%, 65%, 85%
CMY	0.5412, 0.3451, 0.1451
CMYK	0.46, 0.23, 0.00, 0.15
HSL	210°, 58%, 66%
HSV	210°, 46%, 85%
XYZ	33.8097, 36.4813, 71.5893
YIQ	157.8640, -46.1710, 5.2610

# Conversions

## Conversions Part 2

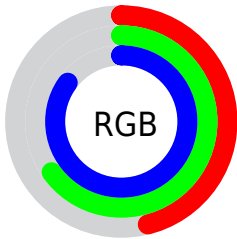
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	117, 150, 218
Decimal	7710682
CIE <sub>Lab</sub>	66.89, -2.99, -31.00
CIE <sub>LCh</sub>	67, 31.148, 264.483
Y <sub>xy</sub>	36.4813, 0.2383, 0.2571
Android (android.graphics.Color)	4285900762 (0xFF75A7DA)
Y <sub>UV</sub>	157.8640, 29.6470, -35.8377
Hunter-Lab	60.3997, -5.7813, -27.9941

# Details

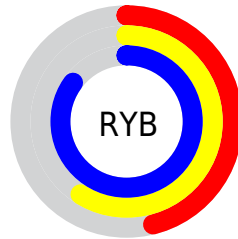
The Hex color **75A7DA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DAA875**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **ADDEFF**, and **3C73A3** is the 20% darker color. If you saturate the color by 10%, you get **5F9CDA**, and if you desaturate by 10%, it is **8BB2DA**.

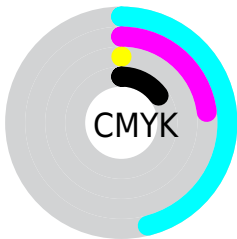
# Distribution



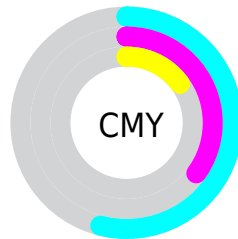
- Red (46%)
- Green (65%)
- Blue (85%)



- Red (46%)
- Yellow (59%)
- Blue (85%)



- Cyan (46%)
- Magenta (23%)
- Yellow (0%)
- Black (15%)



- Cyan (54%)
- Magenta (35%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75A7DA 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 75A7DA by changing the saturation by 10% instead.



 75A7DA

 75A7DA

FFFFFF

 598DBE

 ADDEFF

 3C73A3

 CAFBFF

 1B5B88

 E7FFFF

 00446F

 002E56

 00193F

 000328

 000112

 000000

■ 75A7DA

■ 75A7DA

■ 5F9CDA

■ 8BB2DA

■ 4991DA

■ A1BDDA

■ 3486DA

■ B6C8DA

■ 1E7BDA

■ CCD3DA

■ 0870DA

■ E2DEDA

■ 006CDA

■ F8E9DA

■ FFF4DA

■ FFFFDA

# Harmonies

## Analogous

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



4FAED0



75A7DA



9F9DD6

# Triad

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



75A7DA



DA8F8D



7EAE81

# Complementary

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



75A7DA



DAA875

# 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.



9EA86F



75A7DA



D09676

# Square

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



75A7DA



D68EA9



BB9F6B



5DB29C

# Rectangle

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



75A7DA



B797CB



BB9F6B



89AD7A

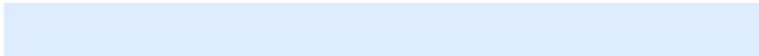


# Sweetspot

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



75A7DA



DBEDFF



75DAA8



6A7580



000000



808080

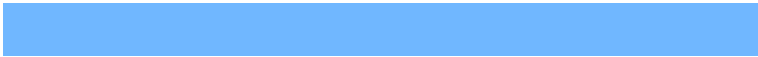


# Same Dimension

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



75A7DA



70B7FF



7575DA



63686E



0056AD



00172E



# Inverse Universe

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



DA75A7



FF70B7



DADA75



6E6368



AD0056

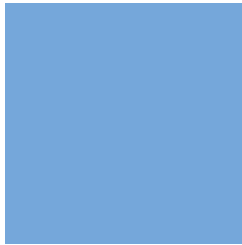


2E0017



# Previews

## White Background



This preview shows how the Hex color 75A7DA looks on a white background.

## Color Contrast Check

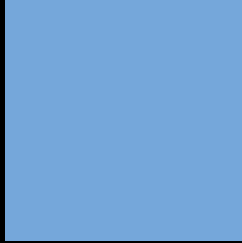
Large Text (above 18pt) WCAG AA × Fail

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 75A7DA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

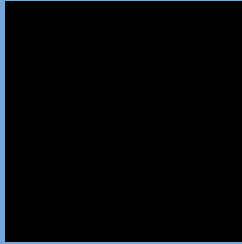
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 75A7DA Background



This preview shows how black text looks on a background with the Hex color 75A7DA.

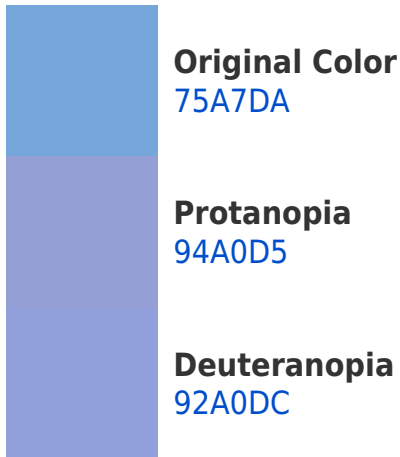


This preview shows how white text looks on a background with the Hex color 75A7DA.

# Color Blindness Simulation

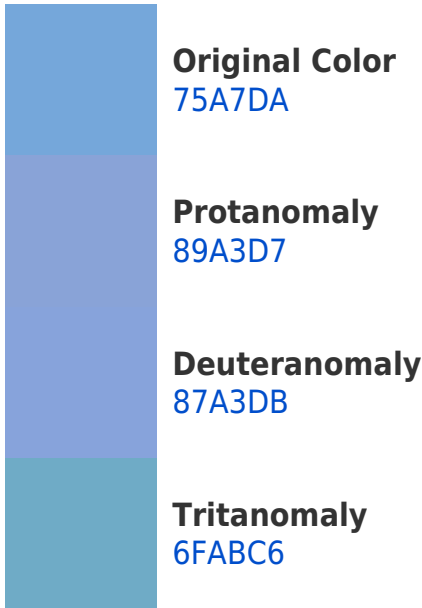
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

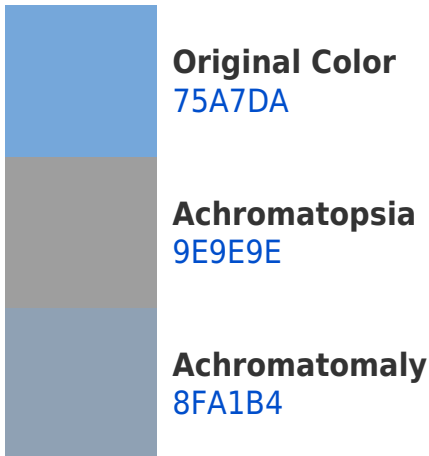




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75A7DA 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 #75A7DA looks like.

```
.text, #text, p{  
    color:#75A7DA  
}
```

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 #75A7DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75A7DA
}
```

## Border

The CSS property to change the border of an element to Hex 75A7DA 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
#75A7DA }
```

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

```
.border{ border-color:#75A7DA }
```

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

Here you see how a box with a 4 pixel #75A7DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75A7DA; -webkit-box-shadow:4px 4px  
4px 4px #75A7DA; box-shadow:4px 4px 4px  
4px #75A7DA }
```

# Background

The CSS property to change the background color of an element to Hex 75A7DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75A7DA }
```

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

```
.background{ background-color:#75A7DA }
```

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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