

Converting Colors

Hex(75A0CC)

Have a look what the booklet for
Hex(75A0CC) contains.

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Color

Hex(75A0CC)

Conversions

Conversions Part 1

Format	Color
Hex	75A0CC
RGB	117, 160, 204
RGB Percent	46%, 63%, 80%
CMY	0.5412, 0.3725, 0.2000
CMYK	0.43, 0.22, 0.00, 0.20
HSL	210°, 46%, 63%
HSV	210°, 43%, 80%
XYZ	30.8060, 33.2832, 61.9274
YIQ	152.1590, -39.7520, 4.5680

Conversions

Conversions Part 2

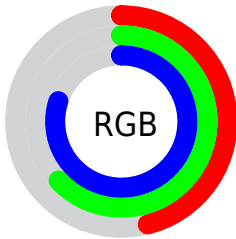
Format	Color
R _Y B	117, 146, 204
Decimal	7708876
CIE Lab	64.39, -3.05, -27.10
CIE LCh	64, 27.274, 263.575
Yxy	33.2832, 0.2445, 0.2641
Android (android.graphics.Color)	4285898956 (0xFF75A0CC)
YUV	152.1590, 25.5576, -30.8344
Hunter-Lab	57.6916, -5.6452, -23.2591

Details

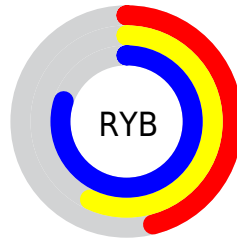
The Hex color **75A0CC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CCA175**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **ACD7FF**, and **3F6D96** is the 20% darker color. If you saturate the color by 10%, you get **6196CC**, and if you desaturate by 10%, it is **89AACC**.

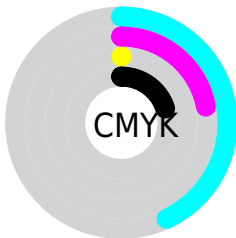
Distribution



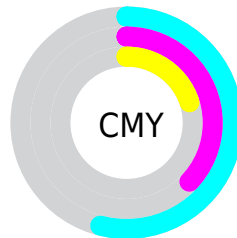
- Red (46%)
- Green (63%)
- Blue (80%)



- Red (46%)
- Yellow (57%)
- Blue (80%)



- Cyan (43%)
- Magenta (22%)
- Yellow (0%)
- Black (20%)



- Cyan (54%)
- Magenta (37%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75A0CC 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 75A0CC by changing the saturation by 10% instead.

 75A0CC

 75A0CC

FFFFFF

 5A86B0

 ACD7FF

 3F6D96

 C9F3FF

 21557C

 E5FFFF

 003E63

 00284B

 001334

 00021E

 000000

 75A0CC

 75A0CC

■ 6196CC

■ 89AACC

■ 4C8BCC

■ 9EB5CC

■ 3881CC

■ B2BFCC

■ 2377CC

■ C7C9CC

■ 0F6CCC

■ DBD4CC

■ 0065CC

■ EFDECC

■ FFE8CC

■ FFF3CC

■ FFFDCC

Harmonies

Analogous

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



57A6C3



75A0CC



9998C9

Triad

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



75A0CC



CD8B8A



7DA67F

Complementary

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



75A0CC



CCA175

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.



99A16F



75A0CC



C59176

Square

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



75A0CC



C88BA2



B2996C



62A996

Rectangle

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



75A0CC



AD92C0



B2996C



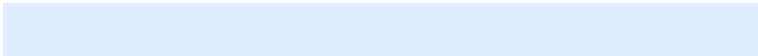
87A578

Sweetspot

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



75A0CC



DEEEFF



75CCA1



6B7580



000000



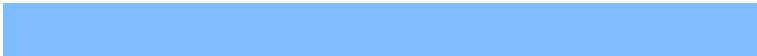
808080

Same Dimension

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



75A0CC



7DBDFF



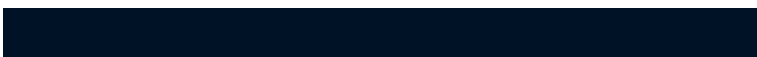
7575CC



5C6166



0052A6



001326

Inverse Universe

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



CC75A0



FF7DBD



CCCC75



665C61



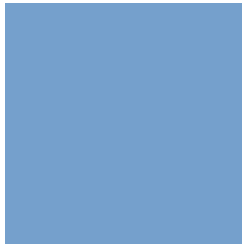
A60052



260013

Previews

White Background



This preview shows how the Hex color 75A0CC looks on a white background.

Color Contrast Check

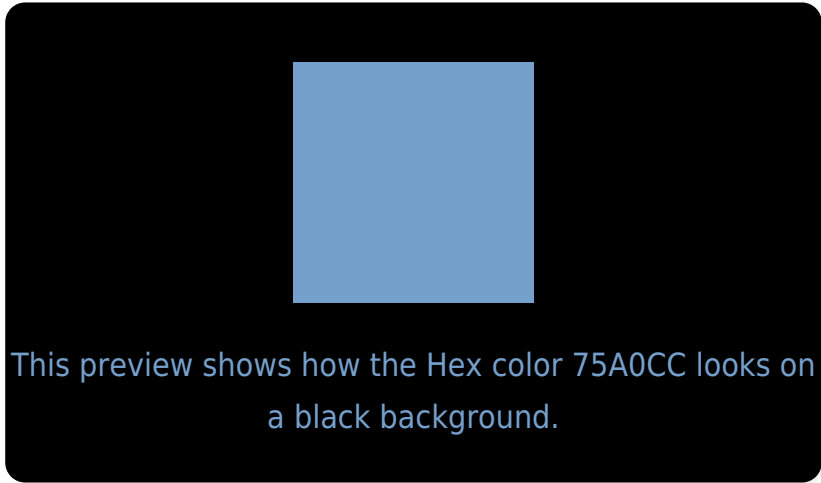
Large Text (above 18pt) WCAG AA × Fail

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

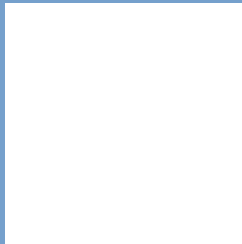
Any Text WCAG AAA ✓ Pass

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

Hex 75A0CC Background



This preview shows how black text looks on a background with the Hex color 75A0CC.

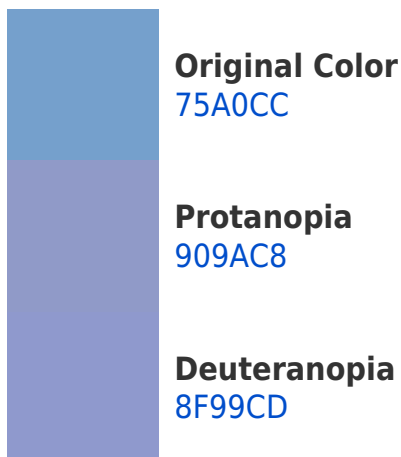


This preview shows how white text looks on a background with the Hex color 75A0CC.

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](#).

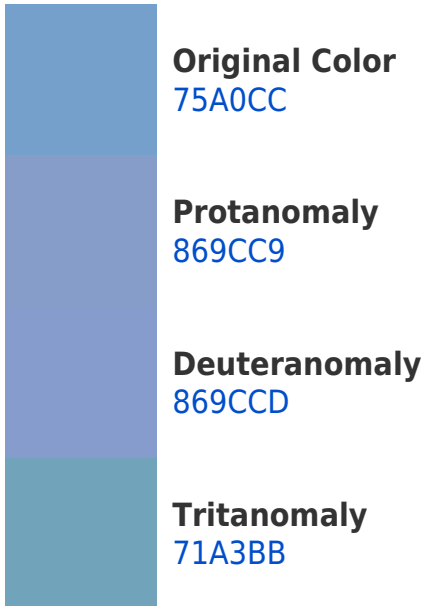
Dichromacy



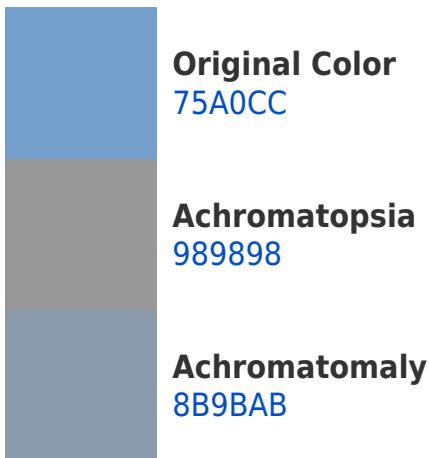


Tritanopia
6EA5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75A0CC 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 #75A0CC looks like.

```
.text, #text, p{  
    color:#75A0CC  
}
```

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 #75A0CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75A0CC }  
}
```

Border

The CSS property to change the border of an element to Hex 75A0CC 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 #75A0CC }  
}
```

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

```
.border{ border-color:#75A0CC }
```

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

Here you see how a box with a 4 pixel #75A0CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75A0CC; -webkit-box-shadow:4px 4px  
4px 4px #75A0CC; box-shadow:4px 4px 4px  
4px #75A0CC }
```

Background

The CSS property to change the background color of an element to Hex 75A0CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75A0CC }
```

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

```
.background{ background-color:#75A0CC }
```

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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