

Converting Colors

Hex(75A5D2)

Have a look what the booklet for
Hex(75A5D2) contains.

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Color

Hex(75A5D2)

Conversions

Conversions Part 1

Format	Color
Hex	75A5D2
RGB	117, 165, 210
RGB Percent	46%, 65%, 82%
CMY	0.5412, 0.3529, 0.1765
CMYK	0.44, 0.21, 0.00, 0.18
HSL	209°, 51%, 64%
HSV	209°, 44%, 82%
XYZ	32.4241, 35.3453, 66.0862
YIQ	155.7780, -43.0530, 3.8190

Conversions

Conversions Part 2

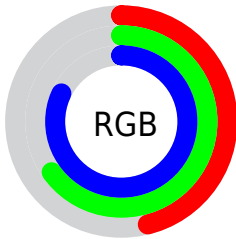
Format	Color
RYB	117, 149, 210
Decimal	7710162
CIELab	66.02, -4.15, -27.93
CIELCh	66, 28.234, 261.538
Yxy	35.3453, 0.2422, 0.2641
Android (android.graphics.Color)	4285900242 (0xFF75A5D2)
YUV	155.7780, 26.7314, -34.0083
Hunter-Lab	59.4519, -6.6899, -24.2898

Details

The Hex color **75A5D2** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D2A275**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **ADDCFF**, and **3E719B** is the 20% darker color. If you saturate the color by 10%, you get **609BD2**, and if you desaturate by 10%, it is **8AAFD2**.

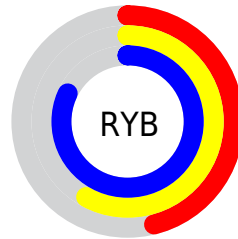
Distribution



Red (46%)

Green (65%)

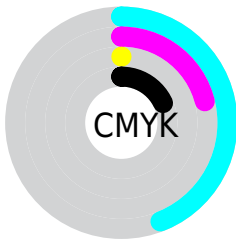
Blue (82%)



Red (46%)

Yellow (58%)

Blue (82%)

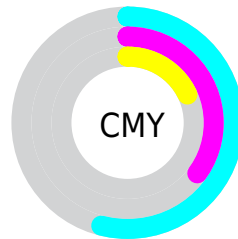


Cyan (44%)

Magenta (21%)

Yellow (0%)

Black (18%)



Cyan (54%)

Magenta (35%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75A5D2 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 75A5D2 by changing the saturation by 10% instead.

 75A5D2

 75A5D2

FFFFFF

 5A8BB6

 ADDCFF

 3E719B

 C9F8FF

 1F5981

 E6FFFF

 004268

 002C50

 001838

 000223

 000009

 000000

■ 75A5D2

■ 75A5D2

■ 609BD2

■ 8AAFD2

■ 4B91D2

■ 9FB9D2

■ 3687D2

■ B4C3D2

■ 217CD2

■ C9CED2

■ 0C72D2

■ DED8D2

■ 006CD2

■ F3E2D2

■ FFECD2

■ FFF6D2

■ FFFF2

Harmonies

Analogous

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



57ABC7



75A5D2



9A9CCF

Triad

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



75A5D2



D38E8F



82AB80

Complementary

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



75A5D2



D2A275

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.



9FA571



75A5D2



CC947A

Square

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



75A5D2



CE8EA9



B99C6F



66AE98

Rectangle

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



75A5D2



B097C6



B99C6F



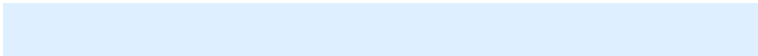
8CA97A

Sweetspot

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



75A5D2



DEEFFF



75D2A2



6B7680



000000



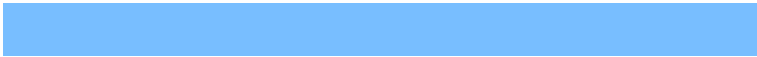
808080

Same Dimension

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



75A5D2



78BEFF



7577D2



5E6369



0057A8



001529

Inverse Universe

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



D275A5



FF78BE



D2D075



695E63



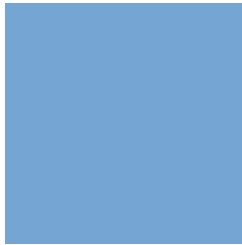
A80057



290015

Previews

White Background



This preview shows how the Hex color 75A5D2 looks on a white background.

Color Contrast Check

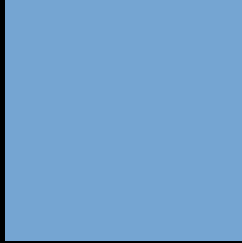
Large Text (above 18pt) WCAG AA × Fail

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 75A5D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

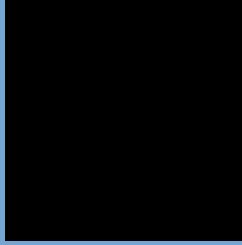
Any Text WCAG AA ✓ Pass

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 75A5D2 Background



This preview shows how black text looks on a background with the Hex color 75A5D2.

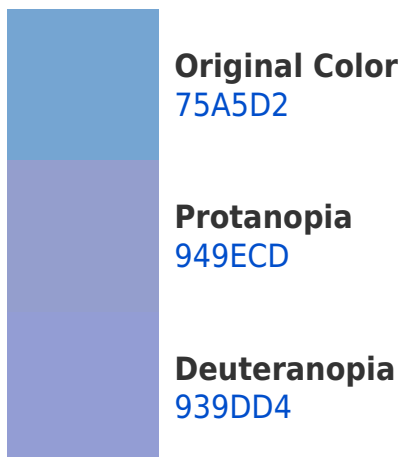


This preview shows how white text looks on a background with the Hex color 75A5D2.

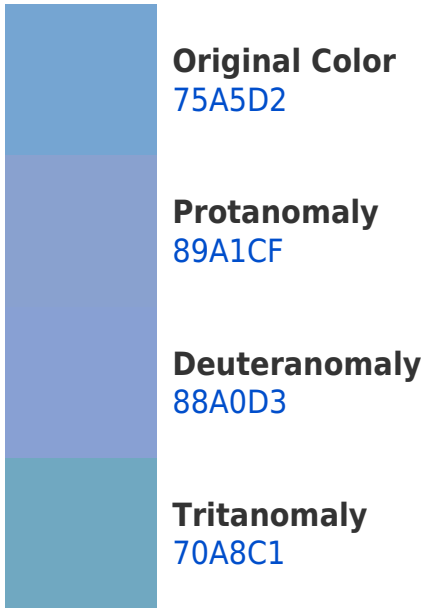
Color Blindness Simulation

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](#).

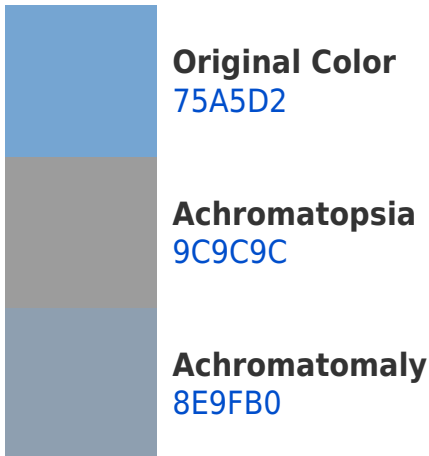
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75A5D2 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 #75A5D2 looks like.

```
.text, #text, p{  
    color:#75A5D2  
}
```

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 #75A5D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75A5D2
}
```

Border

The CSS property to change the border of an element to Hex 75A5D2 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
#75A5D2 }
```

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

```
.border{ border-color:#75A5D2 }
```

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

Here you see how a box with a 4 pixel #75A5D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75A5D2; -webkit-box-shadow:4px 4px  
4px 4px #75A5D2; box-shadow:4px 4px 4px  
4px #75A5D2 }
```

Background

The CSS property to change the background color of an element to Hex 75A5D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75A5D2 }
```

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

```
.background{ background-color:#75A5D2 }
```

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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