

Converting Colors

Hex(75B8D9)

Have a look what the booklet for
Hex(75B8D9) contains.

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Color

Hex(75B8D9)

Conversions

Conversions Part 1

Format	Color
Hex	75B8D9
RGB	117, 184, 217
RGB Percent	46%, 72%, 85%
CMY	0.5412, 0.2784, 0.1490
CMYK	0.46, 0.15, 0.00, 0.15
HSL	200°, 57%, 65%
HSV	200°, 46%, 85%
XYZ	37.0010, 43.0726, 72.0093
YIQ	167.7290, -50.5250, -3.9410

Conversions

Conversions Part 2

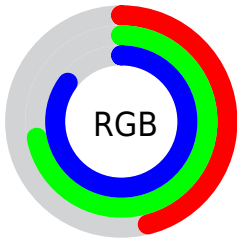
Format	Color
R _{YB}	117, 157, 217
Decimal	7715033
CIE Lab	71.60, -12.52, -23.21
CIE LCh	72, 26.369, 241.657
Yxy	43.0726, 0.2433, 0.2832
Android (android.graphics.Color)	4285905113 (0xFF75B8D9)
YUV	167.7290, 24.2906, -44.4893
Hunter-Lab	65.6298, -14.2166, -19.1125

Details

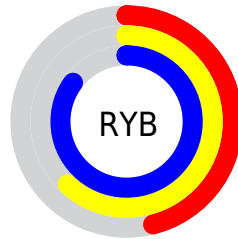
The Hex color **75B8D9** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **D99675**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **AEF0FF**, and **3C83A2** is the 20% darker color. If you saturate the color by 10%, you get **5FB1D9**, and if you desaturate by 10%, it is **8BBFD9**.

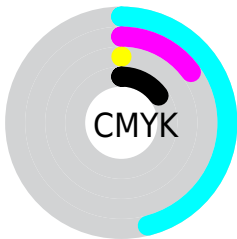
Distribution



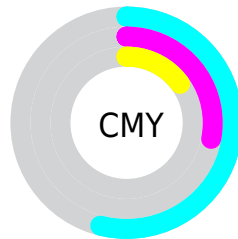
- Red (46%)
- Green (72%)
- Blue (85%)



- Red (46%)
- Yellow (62%)
- Blue (85%)



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



- Cyan (54%)
- Magenta (28%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75B8D9 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 75B8D9 by changing the saturation by 10% instead.

 75B8D9

 75B8D9

FFFFFF

 599DBD

 AEF0FF

 3C83A2

 CAFFFF

 196A88

 E8FFFF

 00526E

 003B56

 00253E

 000D29

 000113

 000000

75B8D9

75B8D9

5FB1D9

8BBFD9

4AAAD9

A0C6D9

34A3D9

B6CDD9

1E9BD9

CCD5D9

0994D9

E2DCD9

0091D9

F7E3D9

FFEAD9

FFF1D9

FFF8D9

Harmonies

Analogous

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



68BCC8



75B8D9



93B1DF

Triad

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



75B8D9



DE9EAF



A6B686

Complementary

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



75B8D9



D99675

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.



C0AE7F



75B8D9



DFA097

Square

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



75B8D9



D0A1C7



D4A686



8ABB98

Rectangle

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



75B8D9



AAACDC



D4A686



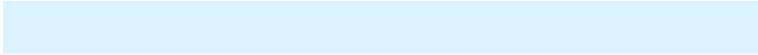
AFB382

Sweetspot

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



75B8D9



DBF3FF



75D995



6A7880



000000



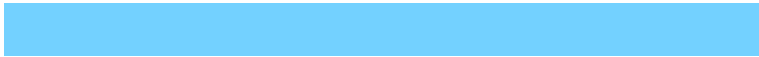
808080

Same Dimension

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



75B8D9



73D1FF



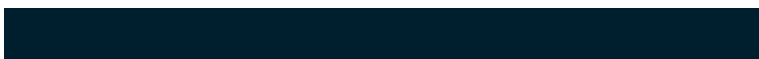
7587D9



636A6E



0074AD



001F2E

Inverse Universe

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



D975B8



FF73D1



D9C775



6E636A



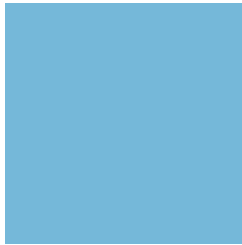
AD0074



2E001F

Previews

White Background



This preview shows how the Hex color 75B8D9 looks on a white background.

Color Contrast Check

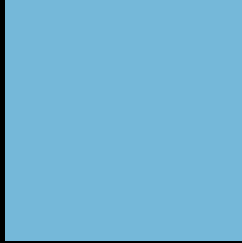
Large Text (above 18pt) WCAG AA × Fail

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 75B8D9 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 75B8D9 Background



This preview shows how black text looks on a background with the Hex color 75B8D9.

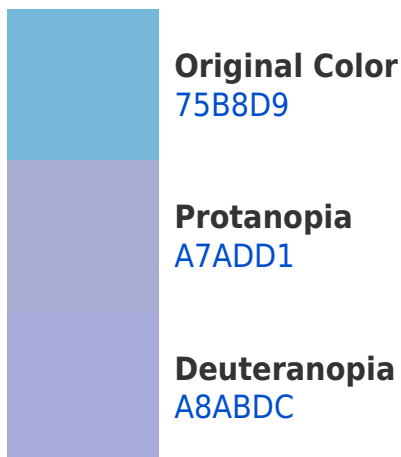


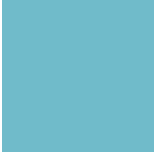
This preview shows how white text looks on a background with the Hex color 75B8D9.

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](#).

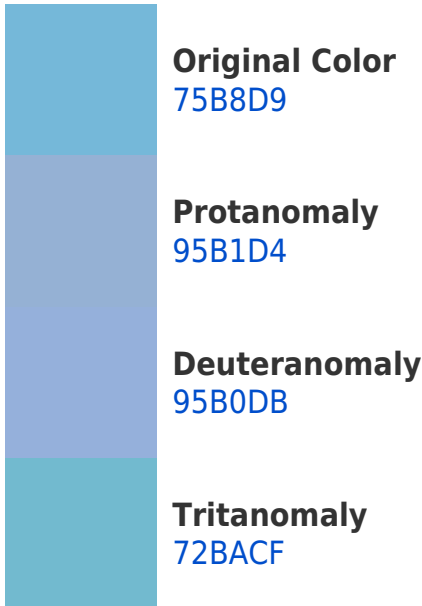
Dichromacy



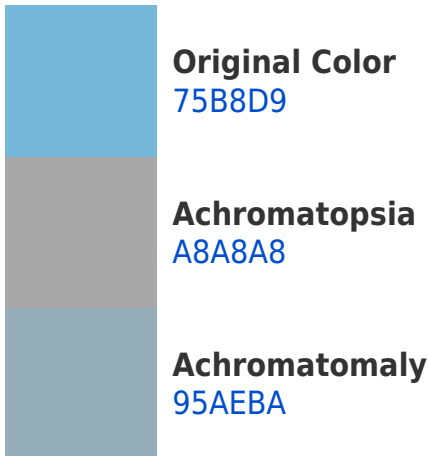


Tritanopia
70BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75B8D9 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 #75B8D9 looks like.

```
.text, #text, p{  
    color:#75B8D9  
}
```

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 #75B8D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75B8D9
}
```

Border

The CSS property to change the border of an element to Hex 75B8D9 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
#75B8D9 }
```

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

```
.border{ border-color:#75B8D9 }
```

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

Here you see how a box with a 4 pixel #75B8D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75B8D9; -webkit-box-shadow:4px 4px  
4px 4px #75B8D9; box-shadow:4px 4px 4px  
4px #75B8D9 }
```

Background

The CSS property to change the background color of an element to Hex 75B8D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75B8D9 }
```

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

```
.background{ background-color:#75B8D9 }
```

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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