

Converting Colors

Hex(75B5BD)

Have a look what the booklet for
Hex(75B5BD) contains.

Hex(75B5BD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(75B5BD)

Conversions

Conversions Part 1

Format	Color
Hex	75B5BD
RGB	117, 181, 189
RGB Percent	46%, 71%, 74%
CMY	0.5412, 0.2902, 0.2588
CMYK	0.38, 0.04, 0.00, 0.26
HSL	187°, 35%, 60%
HSV	187°, 38%, 74%
XYZ	33.0453, 40.5038, 54.2205
YIQ	162.7760, -40.7120, -11.0800

Conversions

Conversions Part 2

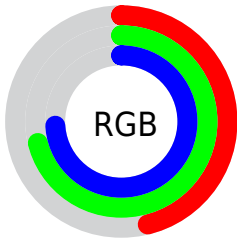
Format	Color
RYB	117, 151, 189
Decimal	7714237
CIELab	69.83, -18.36, -10.55
CIELCh	70, 21.175, 209.876
Yxy	40.5038, 0.2586, 0.3170
Android (android.graphics.Color)	4285904317 (0xFF75B5BD)
YUV	162.7760, 12.9284, -40.1456
Hunter-Lab	63.6426, -18.6915, -5.9625

Details

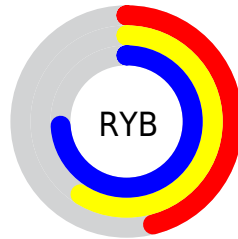
The Hex color **75B5BD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BD7D75**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **ACEDF5**, and **3F8088** is the 20% darker color. If you saturate the color by 10%, you get **62B3BD**, and if you desaturate by 10%, it is **88B7BD**.

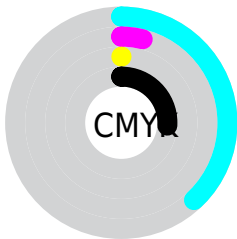
Distribution



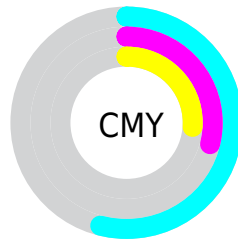
- Red (46%)
- Green (71%)
- Blue (74%)



- Red (46%)
- Yellow (59%)
- Blue (74%)



- Cyan (38%)
- Magenta (4%)
- Yellow (0%)
- Black (26%)



- Cyan (54%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75B5BD 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 75B5BD by changing the saturation by 10% instead.

 75B5BD

 75B5BD

FFFFFF

 5A9AA2

 ACEDF5

 3F8088

 C8FFFF

 23676E

 E5FFFF

 004F56

 00373F

 002229

 000115

 000000

 75B5BD

 75B5BD

62B3BD

88B7BD

4FB1BD

9BB9BD

3CAFBD

AEBBBD

29ADBD

C1BDBD

16ABBD

D4C0BD

04A8BD

E6C2BD

00A8BD

F9C4BD

FFC6BD

FFC8BD

Harmonies

Analogous

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



7CB6AA



75B5BD



7EB2CB

Triad

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



75B5BD



C3A0BE



B9A984

Complementary

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



75B5BD



BD7D75

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.



CAA38A



75B5BD



D09DAB

Square

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



75B5BD



AEA6CC



D29E98



A4AF89

Rectangle

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



75B5BD



8CAED0



D29E98



BFA785

Sweetspot

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



75B5BD



DAF2F5



75BD7C



6A797A



FAFAFA



7A7A7A

Same Dimension

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



75B5BD



84E8F5



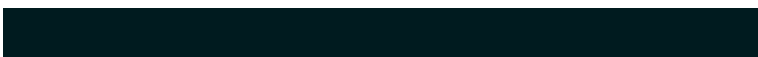
7592BD



555D5E



008D9E



001B1F

Inverse Universe

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



BD75B5



F584E8



BDA075



5E555D



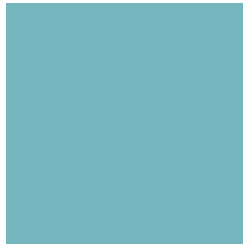
9E008D



1F001B

Previews

White Background



This preview shows how the Hex color 75B5BD 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 75B5BD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

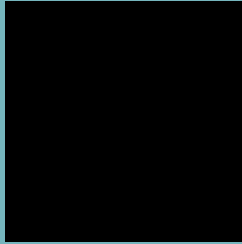
Any Text WCAG AA ✓ Pass

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 75B5BD Background



This preview shows how black text looks on a background with the Hex color 75B5BD.

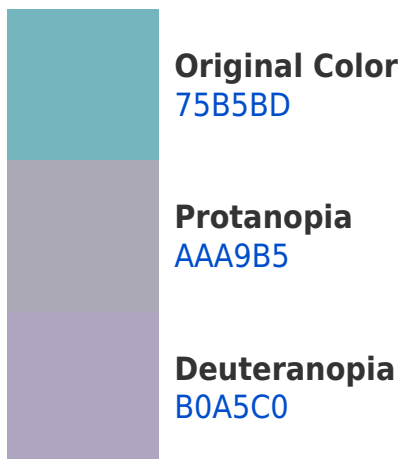


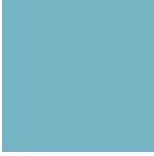
This preview shows how white text looks on a background with the Hex color 75B5BD.

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](#).

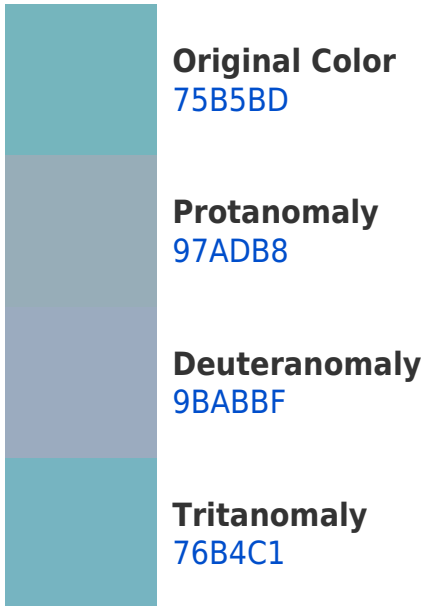
Dichromacy



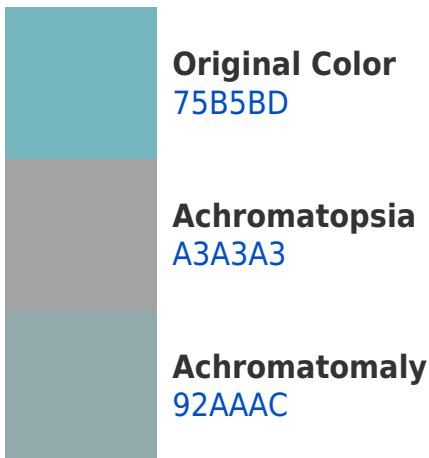


Tritanopia
76B4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75B5BD 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 #75B5BD looks like.

```
.text, #text, p{  
    color:#75B5BD  
}
```

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 #75B5BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75B5BD }  
}
```

Border

The CSS property to change the border of an element to Hex 75B5BD 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 #75B5BD }  
}
```

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

```
.border{ border-color:#75B5BD }
```

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

Here you see how a box with a 4 pixel #75B5BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75B5BD; -webkit-box-shadow:4px 4px  
4px 4px #75B5BD; box-shadow:4px 4px 4px  
4px #75B5BD }
```

Background

The CSS property to change the background color of an element to Hex 75B5BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75B5BD }
```

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

```
.background{ background-color:#75B5BD }
```

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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