

Converting Colors

Hex(75B2C6)

Have a look what the booklet for
Hex(75B2C6) contains.

Hex(75B2C6)	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(75B2C6)

Conversions

Conversions Part 1

Format	Color
Hex	75B2C6
RGB	117, 178, 198
RGB Percent	46%, 70%, 78%
CMY	0.5412, 0.3020, 0.2235
CMYK	0.41, 0.10, 0.00, 0.22
HSL	195°, 42%, 62%
HSV	195°, 41%, 78%
XYZ	33.4496, 39.6999, 59.3260
YIQ	162.0410, -42.7760, -6.7120

Conversions

Conversions Part 2

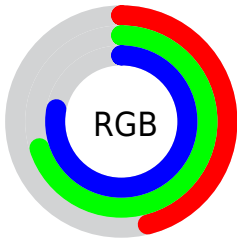
Format	Color
RYB	117, 152, 198
Decimal	7713478
CIELab	69.26, -14.47, -16.36
CIELCh	69, 21.841, 228.510
Yxy	39.6999, 0.2525, 0.2997
Android (android.graphics.Color)	4285903558 (0xFF75B2C6)
YUV	162.0410, 17.7278, -39.5010
Hunter-Lab	63.0079, -15.5019, -11.7198

Details

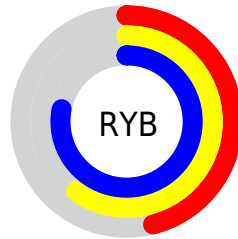
The Hex color **75B2C6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C68975**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **ACEAFF**, and **3F7D90** is the 20% darker color. If you saturate the color by 10%, you get **61ADC6**, and if you desaturate by 10%, it is **89B7C6**.

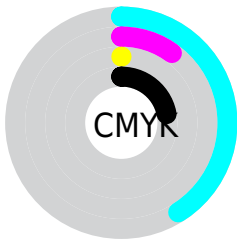
Distribution



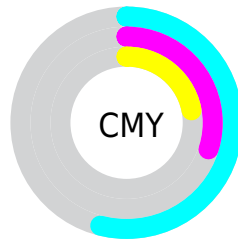
- Red (46%)
- Green (70%)
- Blue (78%)



- Red (46%)
- Yellow (60%)
- Blue (78%)



- Cyan (41%)
- Magenta (10%)
- Yellow (0%)
- Black (22%)



- Cyan (54%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75B2C6 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 75B2C6 by changing the saturation by 10% instead.

 75B2C6

 75B2C6

FFFFFF

 5A97AB

 ACEAFF

 3F7D90

 C9FFFF

 216476

 E6FFFF

 004C5E

 003546

 002030

 00011B

 000000

 75B2C6

 75B2C6

61ADC6

89B7C6

4DA8C6

9DBCC6

3AA3C6

B0C1C6

269EC6

C4C6C6

129AC6

D8CAC6

0095C6

ECCFC6

FFD4C6

FFD9C6

FFDEC6

Harmonies

Analogous

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



72B4B5



75B2C6



88ADCF

Triad

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



75B2C6



CC9CB2



ABAC83

Complementary

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



75B2C6



C68975

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.



BFA583



75B2C6



D29B9D

Square

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



75B2C6



BBA0C3



CD9F8C



95B18E

Rectangle

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



75B2C6



99A9D0



CD9F8C



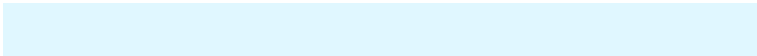
B2AA82

Sweetspot

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



75B2C6



E0F7FF



75C688



6E7B80



000000



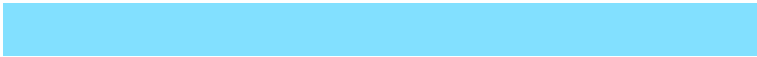
808080

Same Dimension

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



75B2C6



82E0FF



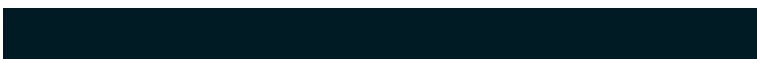
758BC6



5A6163



007BA3



001B24

Inverse Universe

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



C675B2



FF82E0



C6B075



635A61



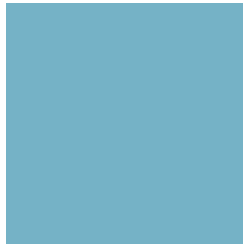
A3007B



24001B

Previews

White Background



This preview shows how the Hex color 75B2C6 looks on a white background.

Color Contrast Check

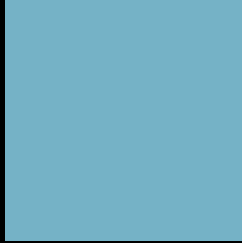
Large Text (above 18pt) WCAG AA × Fail

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 75B2C6 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 75B2C6 Background



This preview shows how black text looks on a background with the Hex color 75B2C6.

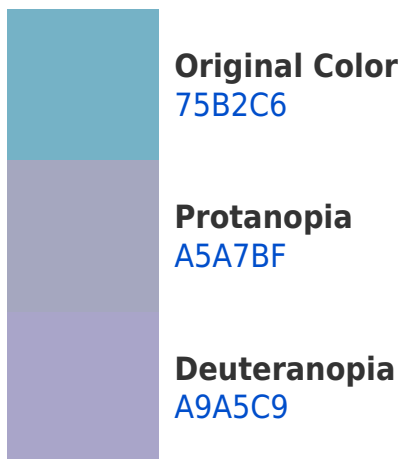


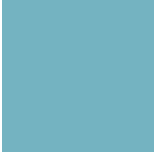
This preview shows how white text looks on a background with the Hex color 75B2C6.

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](#).

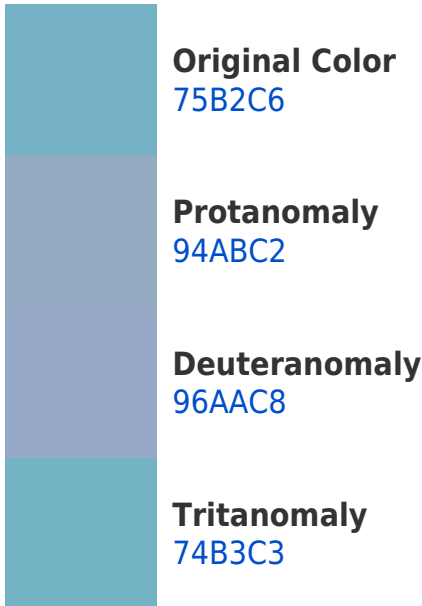
Dichromacy



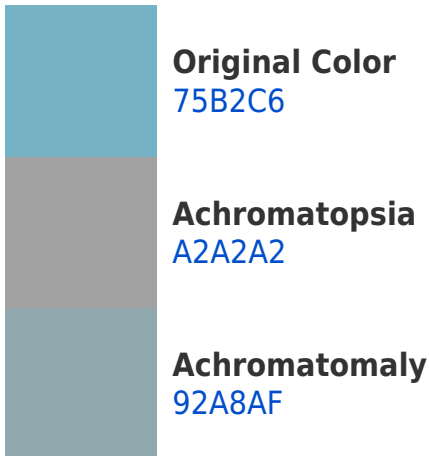


Tritanopia
74B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75B2C6 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 #75B2C6 looks like.

```
.text, #text, p{  
    color:#75B2C6  
}
```

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 #75B2C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75B2C6
}
```

Border

The CSS property to change the border of an element to Hex 75B2C6 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
#75B2C6 }
```

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

```
.border{ border-color:#75B2C6 }
```

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

Here you see how a box with a 4 pixel #75B2C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75B2C6; -webkit-box-shadow:4px 4px  
4px 4px #75B2C6; box-shadow:4px 4px 4px  
4px #75B2C6 }
```

Background

The CSS property to change the background color of an element to Hex 75B2C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75B2C6 }
```

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

```
.background{ background-color:#75B2C6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor