

Converting Colors

Hex(75B3C2)

Have a look what the booklet for
Hex(75B3C2) contains.

Hex(75B3C2)	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(75B3C2)

Conversions

Conversions Part 1

Format	Color
Hex	75B3C2
RGB	117, 179, 194
RGB Percent	46%, 70%, 76%
CMY	0.5412, 0.2980, 0.2392
CMYK	0.40, 0.08, 0.00, 0.24
HSL	192°, 39%, 61%
HSV	192°, 40%, 76%
XYZ	33.1938, 39.9171, 56.9942
YIQ	162.1720, -41.7670, -8.4790

Conversions

Conversions Part 2

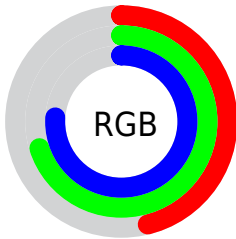
Format	Color
RYB	117, 151, 194
Decimal	7713730
CIELab	69.41, -16.04, -13.92
CIElCh	69, 21.241, 220.960
Yxy	39.9171, 0.2551, 0.3068
Android (android.graphics.Color)	4285903810 (0xFF75B3C2)
YUV	162.1720, 15.6912, -39.6158
Hunter-Lab	63.1800, -16.7838, -9.2590

Details

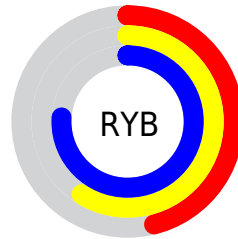
The Hex color **75B3C2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C28475**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **ACEBFA**, and **3F7E8C** is the 20% darker color. If you saturate the color by 10%, you get **62AFC2**, and if you desaturate by 10%, it is **88B7C2**.

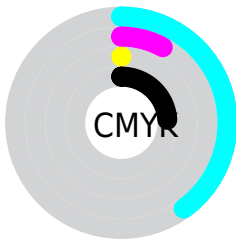
Distribution



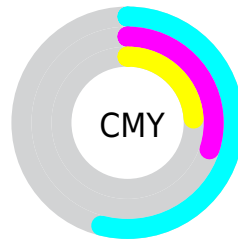
- Red (46%)
- Green (70%)
- Blue (76%)



- Red (46%)
- Yellow (59%)
- Blue (76%)



- Cyan (40%)
- Magenta (8%)
- Yellow (0%)
- Black (24%)



- Cyan (54%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75B3C2 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 75B3C2 by changing the saturation by 10% instead.



75B3C2



75B3C2

FFFFFF



5A98A7



ACEBFA



3F7E8C



C8FFFF



226573



E5FFFF



004D5A



003643



00212D



000119



000000



75B3C2



75B3C2

62AFC2

88B7C2

4EABC2

9CBBC2

3BA8C2

AFBEC2

27A4C2

C3C2C2

14A0C2

D6C6C2

019CC2

E9CAC2

009CC2

FDCDC2

FFD1C2

FFD5C2

Harmonies

Analogous

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



77B5B0



75B3C2



84AFCD

Triad

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



75B3C2



C89DB7



B1AA84

Complementary

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



75B3C2



C28475

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.



C3A486



75B3C2



D19CA3

Square

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



75B3C2



B6A2C7



CF9F91



9BB08C

Rectangle

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



75B3C2



94ABD0



CF9F91



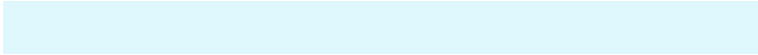
B8A883

Sweetspot

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



75B3C2



DEF7FC



75C283



6E7C80



000000



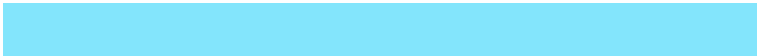
808080

Same Dimension

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



75B3C2



83E5FC



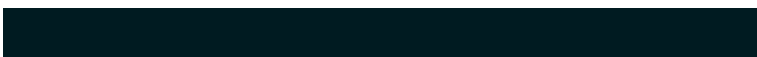
758DC2



575F61



0081A1



001B21

Inverse Universe

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



C275B3



FC83E5



C2AA75



61575F



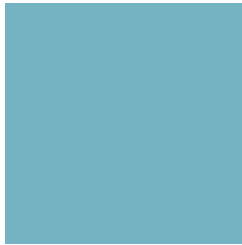
A10081



21001B

Previews

White Background



This preview shows how the Hex color 75B3C2 looks on a white background.

Color Contrast Check

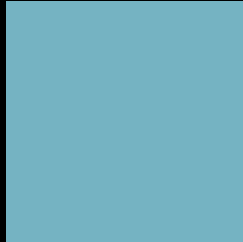
Large Text (above 18pt) WCAG AA × Fail

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 75B3C2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

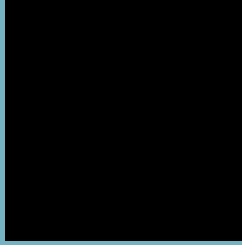
Any Text WCAG AA ✓ Pass

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 75B3C2 Background



This preview shows how black text looks on a background with the Hex color 75B3C2.

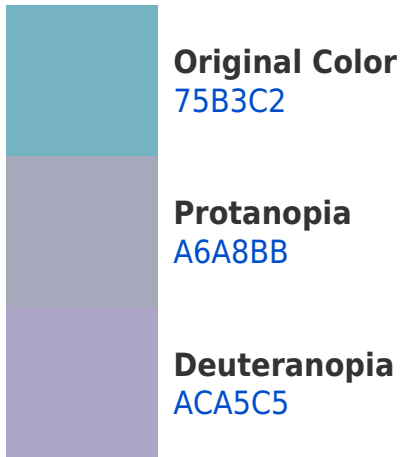


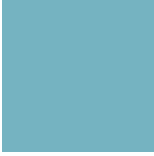
This preview shows how white text looks on a background with the Hex color 75B3C2.

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](#).

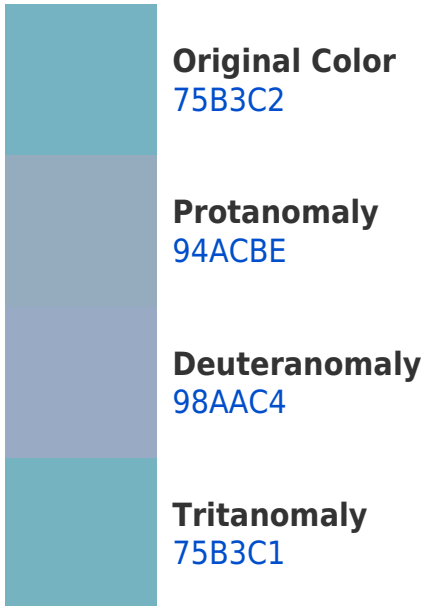
Dichromacy



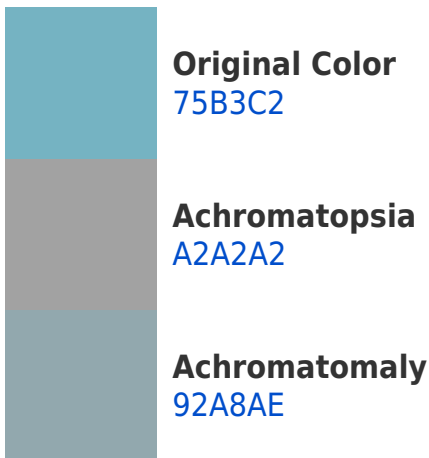


Tritanopia
75B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75B3C2 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 #75B3C2 looks like.

```
.text, #text, p{  
    color:#75B3C2  
}
```

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 #75B3C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75B3C2
}
```

Border

The CSS property to change the border of an element to Hex 75B3C2 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
#75B3C2 }
```

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

```
.border{ border-color:#75B3C2 }
```

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

Here you see how a box with a 4 pixel #75B3C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75B3C2; -webkit-box-shadow:4px 4px  
4px 4px #75B3C2; box-shadow:4px 4px 4px  
4px #75B3C2 }
```

Background

The CSS property to change the background color of an element to Hex 75B3C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75B3C2 }
```

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

```
.background{ background-color:#75B3C2 }
```

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