

Converting Colors

Hex(75C4D2)

Have a look what the booklet for
Hex(75C4D2) contains.

Hex(75C4D2)	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(75C4D2)

Conversions

Conversions Part 1

Format	Color
Hex	75C4D2
RGB	117, 196, 210
RGB Percent	46%, 77%, 82%
CMY	0.5412, 0.2314, 0.1765
CMYK	0.44, 0.07, 0.00, 0.18
HSL	189°, 51%, 64%
HSV	189°, 44%, 82%
XYZ	38.7089, 47.9149, 68.1811
YIQ	173.9750, -51.5780, -12.3940

Conversions

Conversions Part 2

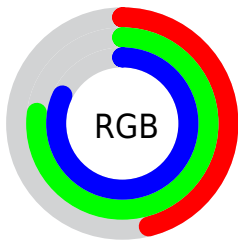
Format	Color
RYB	117, 160, 210
Decimal	7718098
CIELab	74.77, -20.64, -14.60
CIElCh	75, 25.281, 215.286
Yxy	47.9149, 0.2500, 0.3095
Android (android.graphics.Color)	4285908178 (0xFF75C4D2)
YUV	173.9750, 17.7603, -49.9671
Hunter-Lab	69.2206, -21.3169, -9.9452

Details

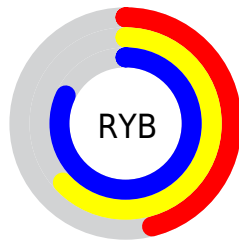
The Hex color **75C4D2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D28375**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **AEFDFF**, and **3C8E9C** is the 20% darker color. If you saturate the color by 10%, you get **60C1D2**, and if you desaturate by 10%, it is **8AC7D2**.

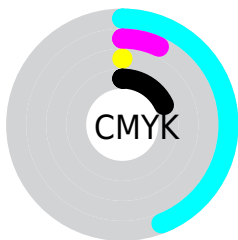
Distribution



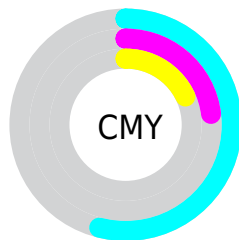
- Red (46%)
- Green (77%)
- Blue (82%)



- Red (46%)
- Yellow (63%)
- Blue (82%)



- Cyan (44%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (54%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75C4D2 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 75C4D2 by changing the saturation by 10% instead.

 75C4D2

 75C4D2

FFFFFF

 59A9B6

 AEFDFD

 3C8E9C

 CAFFFF

 197482

 E8FFFF

 005C68

 004450

 002D39

 001A24

 00010D

 000000

 75C4D2

 75C4D2

 60C1D2

 8AC7D2

 4BBED2

 9FCAD2

 36BBD2

 B4CDD2

 21B7D2

 C9D1D2

 0CB4D2

 DED4D2

 00B2D2

 F3D7D2

 FFDAD2

 FFD2D2

 FFE0D2

Harmonies

Analogous

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



7CC5BB



75C4D2



84C0E2

Triad

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



75C4D2



DAAACC



C5B88A

Complementary

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



75C4D2



D28375

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.



DAB08E



75C4D2



E6A7B5

Square

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



75C4D2



C1B1DE



E6AA9E



ACBF92

Rectangle

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



75C4D2



97BBE6



E6AA9E



CDB58A

Sweetspot

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



75C4D2



DEFAFF



75D283



6B7C80



000000



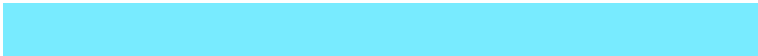
808080

Same Dimension

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



75C4D2



78EBFF



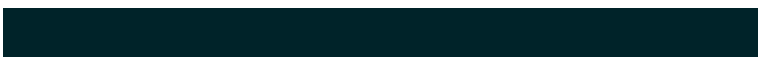
7596D2



5E6769



008FA8



002329

Inverse Universe

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



D275C4



FF78EB



D2B175



695E67



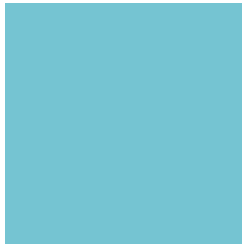
A8008F



290023

Previews

White Background



This preview shows how the Hex color 75C4D2 looks on a white background.

Color Contrast Check

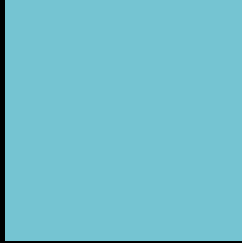
Large Text (above 18pt) WCAG AA × Fail

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 75C4D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

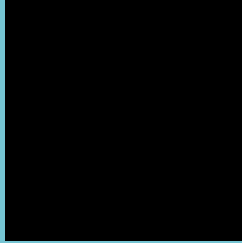
Any Text WCAG AA ✓ Pass

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 75C4D2 Background



This preview shows how black text looks on a background with the Hex color 75C4D2.

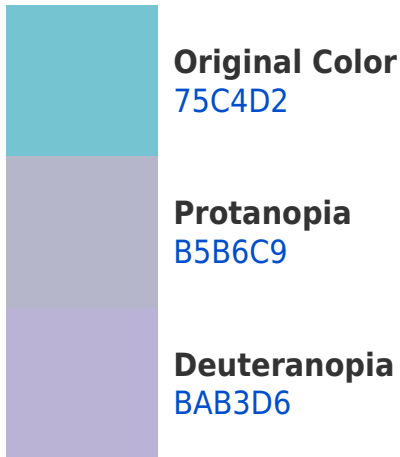


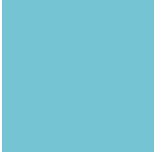
This preview shows how white text looks on a background with the Hex color 75C4D2.

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](#).

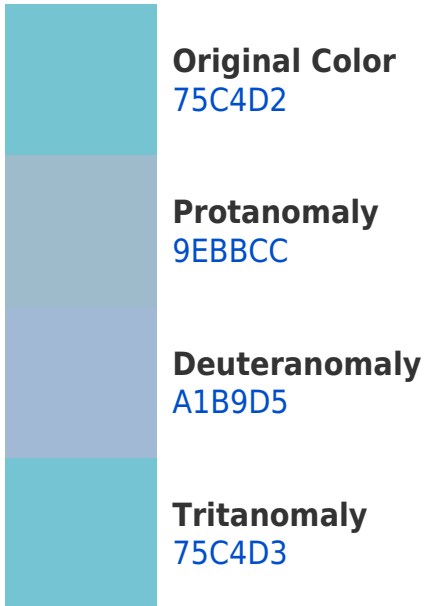
Dichromacy



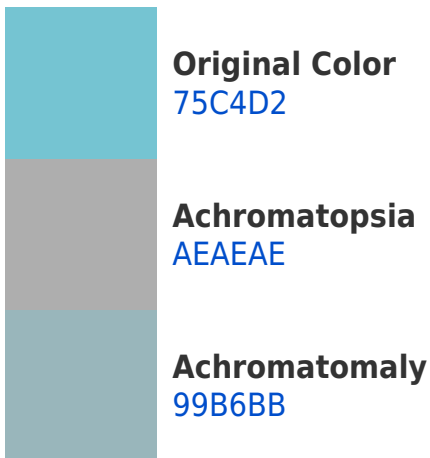


Tritanopia
75C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75C4D2 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 #75C4D2 looks like.

```
.text, #text, p{  
    color:#75C4D2  
}
```

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 #75C4D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75C4D2
}
```

Border

The CSS property to change the border of an element to Hex 75C4D2 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
#75C4D2 }
```

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

```
.border{ border-color:#75C4D2 }
```

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

Here you see how a box with a 4 pixel #75C4D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75C4D2; -webkit-box-shadow:4px 4px  
4px 4px #75C4D2; box-shadow:4px 4px 4px  
4px #75C4D2 }
```

Background

The CSS property to change the background color of an element to Hex 75C4D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75C4D2 }
```

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

```
.background{ background-color:#75C4D2 }
```

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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