

# Converting Colors

Hex(75C5D1)

Have a look what the booklet for  
Hex(75C5D1) contains.

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**Color**

**Hex(75C5D1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75C5D1
RGB	117, 197, 209
RGB Percent	46%, 77%, 82%
CMY	0.5412, 0.2275, 0.1804
CMYK	0.44, 0.06, 0.00, 0.18
HSL	188°, 50%, 64%
HSV	188°, 44%, 82%
XYZ	38.8110, 48.3179, 67.6023
YIQ	174.4480, -51.5320, -13.2280

# Conversions

## Conversions Part 2

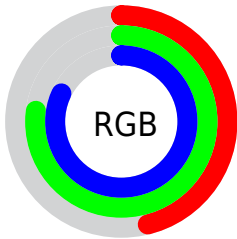
Format	Color
<a href="#">RYB</a>	<a href="#">117, 160, 209</a>
Decimal	<a href="#">7718353</a>
CIELab	<a href="#">75.02, -21.40, -13.68</a>
CIElCh	<a href="#">75, 25.403, 212.584</a>
Yxy	<a href="#">48.3179, 0.2508, 0.3123</a>
Android (android.graphics.Color)	<a href="#">4285908433 (0xFF75C5D1)</a>
YUV	<a href="#">174.4480, 17.0341, -50.3819</a>
Hunter-Lab	<a href="#">69.5111, -21.9802, -9.0042</a>

# Details

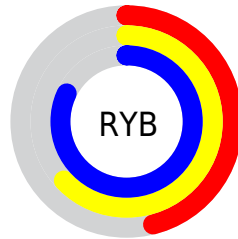
The Hex color **75C5D1** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D18175**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **AEFEFF**, and **3C8F9B** is the 20% darker color. If you saturate the color by 10%, you get **60C2D1**, and if you desaturate by 10%, it is **8AC8D1**.

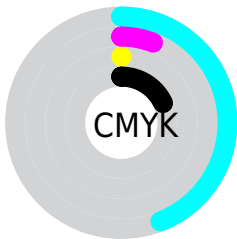
# Distribution



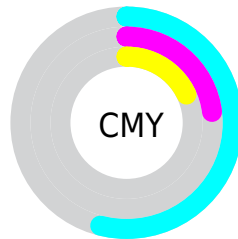
- Red (46%)
- Green (77%)
- Blue (82%)



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



- Cyan (44%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 75C5D1 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 75C5D1 by changing the saturation by 10% instead.



 75C5D1

 75C5D1

FFFFFF

 59AAB5

 AEFEFF

 3C8F9B

 CAFFFF

 197581

 E8FFFF

 005C68

 00454F

 002E39

 001B23

 00000C

 000000

 75C5D1

 75C5D1

 60C2D1

 8AC8D1

 4BC0D1

 9FCAD1

 36BDD1

 B4CDD1

 21BAD1

 C9D0D1

 0DB7D1

 DDD3D1

 00B6D1

 F2D5D1

 FFD8D1

 FFDBD1

 FFDED1

# Harmonies

## Analogous

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



7EC6BA



75C5D1



82C1E1

# Triad

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



75C5D1



D9ABCF



C8B88A

# Complementary

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



75C5D1



D18175

# 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.



DCB090



75C5D1



E7A8B7

# Square

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



75C5D1



BFB2E0



E8AAA1



AFBF91

# Rectangle

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



75C5D1



95BDE7



E8AAA1



D0B58B

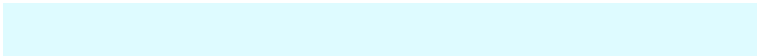


# Sweetspot

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



75C5D1



DEFBFF



75D180



6B7D80



000000



808080

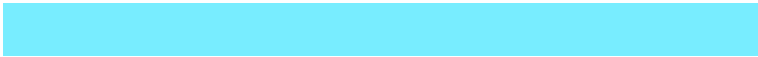


# Same Dimension

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



75C5D1



78EDFF



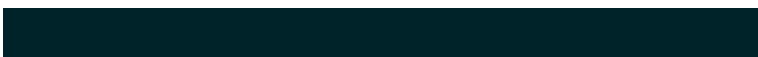
7598D1



5E6769



0092A8



002329



# Inverse Universe

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



D175C5



FF78ED



D1AE75



695E67



A80092

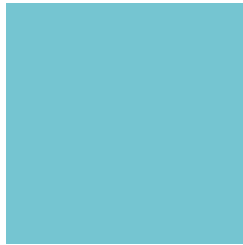


290023



# Previews

## White Background



This preview shows how the Hex color 75C5D1 looks on a white background.

## Color Contrast Check

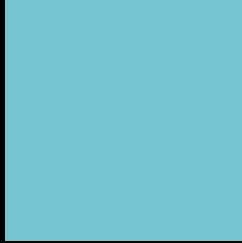
Large Text (above 18pt) WCAG AA × Fail

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 75C5D1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

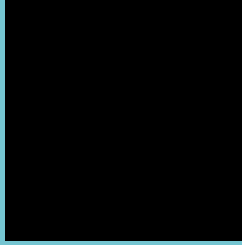
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 75C5D1 Background



This preview shows how black text looks on a background with the Hex color 75C5D1.

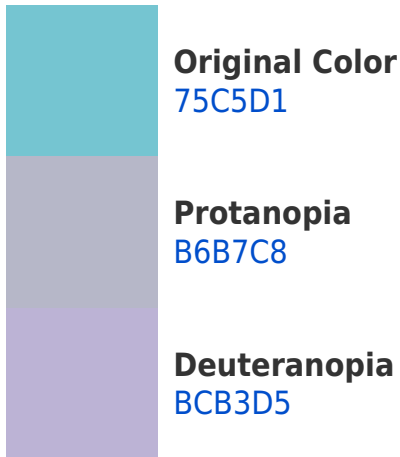


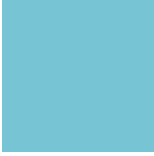
This preview shows how white text looks on a background with the Hex color 75C5D1.

# 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](#).

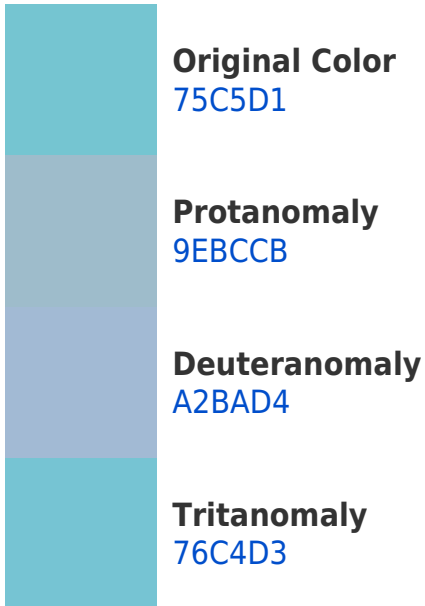
## Dichromacy



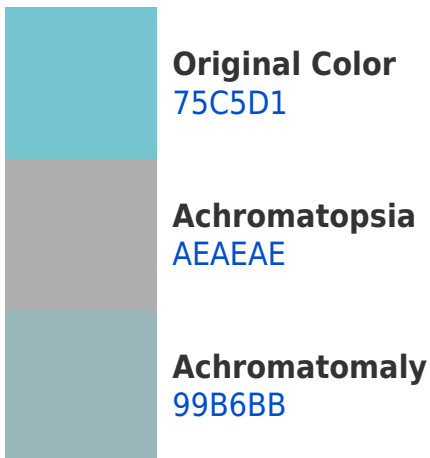


**Tritanopia**  
76C4D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75C5D1 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 #75C5D1 looks like.

```
.text, #text, p{  
    color:#75C5D1  
}
```

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 #75C5D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75C5D1
}
```

## Border

The CSS property to change the border of an element to Hex 75C5D1 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
#75C5D1 }
```

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

```
.border{ border-color:#75C5D1 }
```

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

Here you see how a box with a 4 pixel #75C5D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75C5D1; -webkit-box-shadow:4px 4px  
4px 4px #75C5D1; box-shadow:4px 4px 4px  
4px #75C5D1 }
```

# Background

The CSS property to change the background color of an element to Hex 75C5D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75C5D1 }
```

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

```
.background{ background-color:#75C5D1 }
```

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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