

Converting Colors

Hex(75D7C1)

Have a look what the booklet for
Hex(75D7C1) contains.

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Color

Hex(75D7C1)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 75D7C1 |
| RGB | 117, 215, 193 |
| RGB Percent | 46%, 84%, 76% |
| CMY | 0.5412, 0.1569, 0.2431 |
| CMYK | 0.46, 0.00, 0.10, 0.16 |
| HSL | 167°, 55%, 65% |
| HSV | 167°, 46%, 84% |
| XYZ | 41.2622, 56.2330, 59.1314 |
| YIQ | 183.1900, -51.3460, -27.6180 |

Conversions

Conversions Part 2

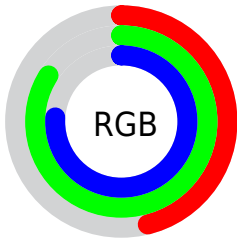
| Format | Color |
|-------------------------------------|--|
| RYB | 117, 172, 215 |
| Decimal | 7722945 |
| CIELab | 79.75, -34.10, 1.91 |
| CIELCh | 80, 34.158, 176.801 |
| Yxy | 56.2330, 0.2634, 0.3590 |
| Android (android.graphics.Color) | 4285913025 (0xFF75D7C1) |
| YUV | 183.1900, 4.8363, -58.0486 |
| Hunter-Lab | 74.9887, -33.0114, 5.7397 |

Details

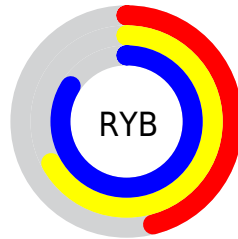
The Hex color **75D7C1** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D7758B**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **AFFFF9**, and **3BA08C** is the 20% darker color. If you saturate the color by 10%, you get **5FD7BC**, and if you desaturate by 10%, it is **8BD7C6**.

Distribution



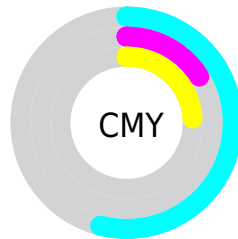
- Red (46%)
- Green (84%)
- Blue (76%)



- Red (46%)
- Yellow (67%)
- Blue (84%)



- Cyan (46%)
- Magenta (0%)
- Yellow (10%)
- Black (16%)



- Cyan (54%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75D7C1 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 75D7C1 by changing the saturation by 10% instead.

 75D7C1

 75D7C1

FFFFFF

 58BBA6

 AEFFF9

 3BA08C

 CBFFFF

 168572

 E8FFFF

 006B5A

 005342

 003B2C

 002618

 000000

 75D7C1

 75D7C1

 5FD7BC

 8BD7C6

 4AD7B7

 A0D7CB

 34D7B3

 B6D7CF

 1FD7AE

 CBD7D4

 09D7A9

 E1D7D9

 00D7A7

 F6D7DE

 FFD7E3

 FFD7E8

 FFD7EC

Harmonies

Analogous

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



99D4A2



75D7C1



5ED7E1

Triad

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



75D7C1



C5BFFE



F8B891

Complementary

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



75D7C1



D7758B

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.



FFB0AA



75D7C1



EBB4E9

Square

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



75D7C1



97CAFF



FFAECA



DFC286

Rectangle

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



75D7C1



63D4F3



FFAECA



FEB599

Sweetspot

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



75D7C1



DBFFF7



8CD775



6A807B



000000



808080

Same Dimension

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



75D7C1



73FFE0



75BDD7



606B69



00AB84



002B22

Inverse Universe

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



D7758B



FF7392



D78F75



6B6063



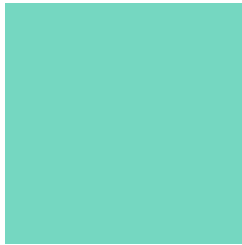
AB0026



2B000A

Previews

White Background



This preview shows how the Hex color 75D7C1 looks on a white background.

Color Contrast Check

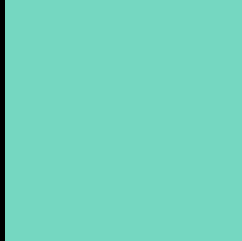
Large Text (above 18pt) WCAG AA × Fail

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 75D7C1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

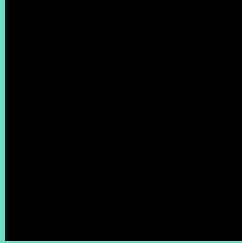
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

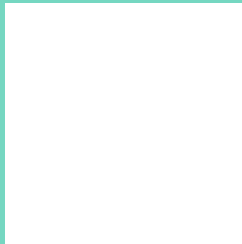
Any Text WCAG AAA ✓ Pass

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

Hex 75D7C1 Background



This preview shows how black text looks on a background with the Hex color 75D7C1.



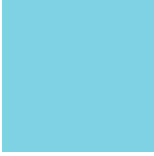
This preview shows how white text looks on a background with the Hex color 75D7C1.

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
7FD2E3

Trichromacy



Original Color
75D7C1



Protanomaly
ACCBBA



Deuteranomaly
B3C7C4

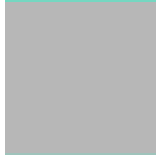


Tritanomaly
7BD4D7

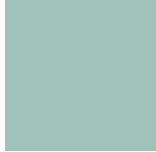
Monochromacy



Original Color
75D7C1



Achromatopsia
B7B7B7



Achromatomaly
9FC3BB

CSS Examples

Text

The CSS property to change the color of the text to Hex 75D7C1 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 #75D7C1 looks like.

```
.text, #text, p{  
    color:#75D7C1  
}
```

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 #75D7C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75D7C1
}
```

Border

The CSS property to change the border of an element to Hex 75D7C1 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
#75D7C1 }
```

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

```
.border{ border-color:#75D7C1 }
```

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

Here you see how a box with a 4 pixel #75D7C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75D7C1; -webkit-box-shadow:4px 4px  
4px 4px #75D7C1; box-shadow:4px 4px 4px  
4px #75D7C1 }
```

Background

The CSS property to change the background color of an element to Hex 75D7C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75D7C1 }
```

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

```
.background{ background-color:#75D7C1 }
```

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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