

Converting Colors

Hex(75D0D0)

Have a look what the booklet for
Hex(75D0D0) contains.

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Color

Hex(75D0D0)

Conversions

Conversions Part 1

Format	Color
Hex	75D0D0
RGB	117, 208, 208
RGB Percent	46%, 82%, 82%
CMY	0.5412, 0.1843, 0.1843
CMYK	0.44, 0.00, 0.00, 0.18
HSL	180°, 49%, 64%
HSV	180°, 44%, 82%
XYZ	41.2772, 53.4477, 67.8154
YIQ	180.7910, -54.2360, -19.2920

Conversions

Conversions Part 2

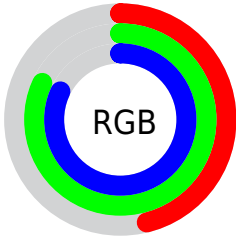
Format	Color
RYB	117, 163, 208
Decimal	7721168
CIELab	78.14, -27.13, -8.49
CIElCh	78, 28.427, 197.380
Yxy	53.4477, 0.2540, 0.3288
Android (android.graphics.Color)	4285911248 (0xFF75D0D0)
YUV	180.7910, 13.4140, -55.9447
Hunter-Lab	73.1080, -27.1568, -3.8222

Details

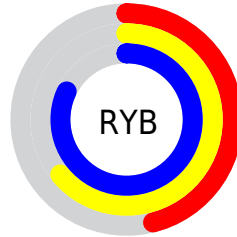
The Hex color **75D0D0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D07575**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **AFFFFFFF**, and **3A999A** is the 20% darker color. If you saturate the color by 10%, you get **60D0D0**, and if you desaturate by 10%, it is **8AD0D0**.

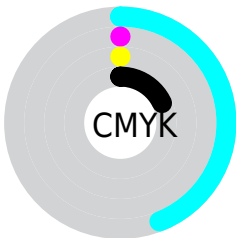
Distribution



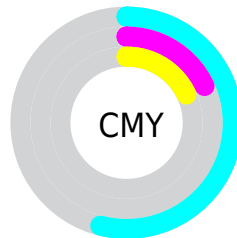
- Red (46%)
- Green (82%)
- Blue (82%)



- Red (46%)
- Yellow (64%)
- Blue (82%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 75D0D0 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 75D0D0 by changing the saturation by 10% instead.

 75D0D0

 75D0D0

FFFFFF

 58B4B4

 AEFFFF

 3A999A

 CBFFFF

 157F80

 E9FFFF

 006667

 004D4F

 003638

 002222

 00010D

 000000

 75D0D0

 75D0D0

 60D0D0

 8AD0D0

 4BD0D0

 9FD0D0

 37D0D0

 B3D0D0

 22D0D0

 C8D0D0

 0DD0D0

 DDD0D0

 00D0D0

 F2D0D0

 FFD0D0

Harmonies

Analogous

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



89CFB5



75D0D0



77CDE7

Triad

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



75D0D0



D8B5E5



DFBC8E

Complementary

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



75D0D0



D07575

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.



F1B39C



75D0D0



EFAFCE

Square

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



75D0D0



B6BEF3



F7AEB3



C5C48F

Rectangle

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



75D0D0



86C9F1



F7AEB3



E6B991

Sweetspot

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



75D0D0



DEFFFF



75D075



6B8080



000000



808080

Same Dimension

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



75D0D0



78FFFF



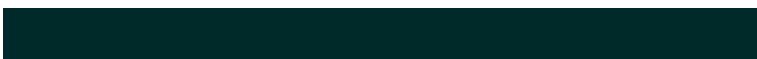
75A3D0



5E6969



00A8A8



002929

Inverse Universe

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



D075D0



FF78FF



D0A375



695E69



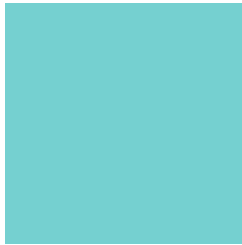
A800A8



290029

Previews

White Background



This preview shows how the Hex color 75D0D0 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 75D0D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

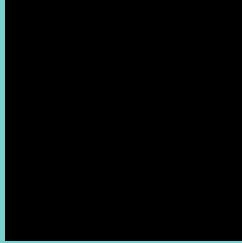
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

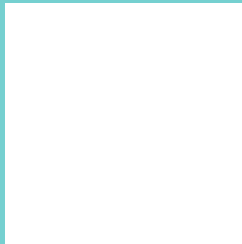
Any Text WCAG AAA ✓ Pass

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

Hex 75D0D0 Background



This preview shows how black text looks on a background with the Hex color 75D0D0.

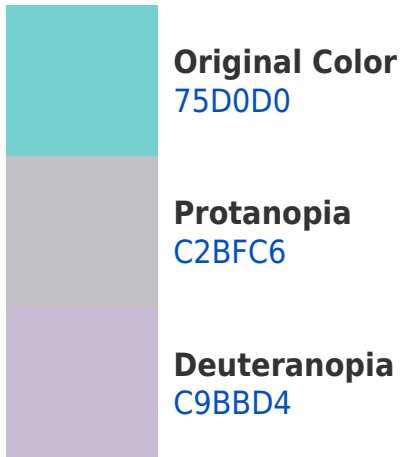


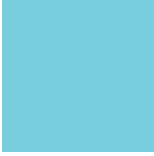
This preview shows how white text looks on a background with the Hex color 75D0D0.

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
79CEDE

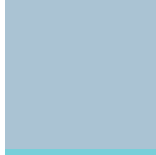
Trichromacy



Original Color
75D0D0



Protanomaly
A6C5CA



Deuteranomaly
AAC3D3

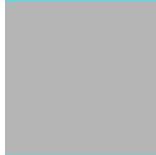


Tritanomaly
78CFD9

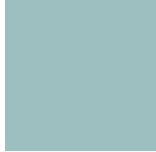
Monochromacy



Original Color
75D0D0



Achromatopsia
B5B5B5



Achromatomaly
9EBFBF

CSS Examples

Text

The CSS property to change the color of the text to Hex 75D0D0 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 #75D0D0 looks like.

```
.text, #text, p{  
    color:#75D0D0  
}
```

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 #75D0D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75D0D0
}
```

Border

The CSS property to change the border of an element to Hex 75D0D0 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
#75D0D0 }
```

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

```
.border{ border-color:#75D0D0 }
```

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

Here you see how a box with a 4 pixel #75D0D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75D0D0; -webkit-box-shadow:4px 4px  
4px 4px #75D0D0; box-shadow:4px 4px 4px  
4px #75D0D0 }
```

Background

The CSS property to change the background color of an element to Hex 75D0D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75D0D0 }
```

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

```
.background{ background-color:#75D0D0 }
```

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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