

Converting Colors

Hex(70D0C3)

Have a look what the booklet for
Hex(70D0C3) contains.

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Color

Hex(70D0C3)

Conversions

Conversions Part 1

Format	Color
Hex	70D0C3
RGB	112, 208, 195
RGB Percent	44%, 82%, 76%
CMY	0.5608, 0.1843, 0.2353
CMYK	0.46, 0.00, 0.06, 0.18
HSL	172°, 51%, 63%
HSV	172°, 46%, 82%
XYZ	39.0883, 52.4966, 59.7025
YIQ	177.8140, -53.0430, -24.3950

Conversions

Conversions Part 2

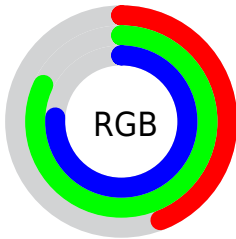
Format	Color
RYB	112, 163, 208
Decimal	7393475
CIELab	77.58, -31.52, -2.36
CIELCh	78, 31.611, 184.277
Yxy	52.4966, 0.2584, 0.3470
Android (android.graphics.Color)	4285583555 (0xFF70D0C3)
YUV	177.8140, 8.4727, -57.7189
Hunter-Lab	72.4546, -30.4970, 1.8633

Details

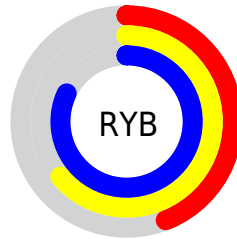
The Hex color **70D0C3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D0707D**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **A9FFFB**, and **35998D** is the 20% darker color. If you saturate the color by 10%, you get **5BD0C0**, and if you desaturate by 10%, it is **85D0C6**.

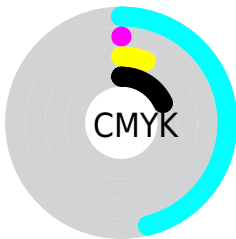
Distribution



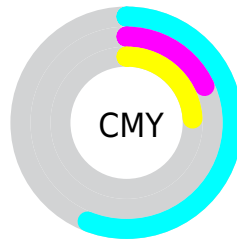
- Red (44%)
- Green (82%)
- Blue (76%)



- Red (44%)
- Yellow (64%)
- Blue (82%)



- Cyan (46%)
- Magenta (0%)
- Yellow (6%)
- Black (18%)



- Cyan (56%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70D0C3 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 70D0C3 by changing the saturation by 10% instead.

 70D0C3

 70D0C3

FFFFFF

 53B4A8

 A9FFFB

 35998D

 C6FFFF

 0A7F74

 E3FFFF

 00655B

 004D44

 00352E

 002219

 000000

 70D0C3

 70D0C3

 5BD0C0

 85D0C6

 46D0BD

 9AD0C9

 32D0BB

 AED0CB

 1DD0B8

 C3D0CE

 08D0B5

 D8D0D1

 00D0B4

 EDD0D4

 FFD0D7

 FFD0DA

 FFD0DC

Harmonies

Analogous

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



8FCEA5



70D0C3



63CFE0

Triad

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



70D0C3



C9B7F0



EAB58C

Complementary

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



70D0C3



D0707D

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.



F9ADA0



70D0C3



E9AEDA

Square

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



70D0C3



A0C1FA



F9AABC



D0BF85

Rectangle

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



70D0C3



6DCCEE



F9AABC



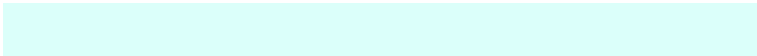
F0B291

Sweetspot

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



70D0C3



DBFFFA



7ED070



6A807D



000000



808080

Same Dimension

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



70D0C3



73FFEC



70AED0



5E6967



00A892



002923

Inverse Universe

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



D0707D



FF7386



D09270



695E60



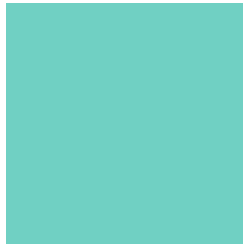
A80017



290006

Previews

White Background



This preview shows how the Hex color 70D0C3 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 70D0C3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

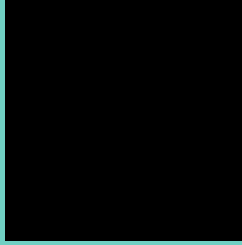
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

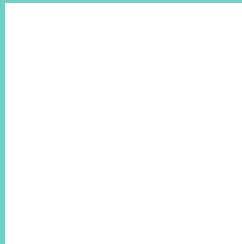
Any Text WCAG AAA ✓ Pass

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

Hex 70D0C3 Background



This preview shows how black text looks on a background with the Hex color 70D0C3.



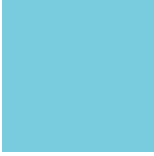
This preview shows how white text looks on a background with the Hex color 70D0C3.

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
78CCDD

Trichromacy



Original Color
70D0C3



Protanomaly
A5C5BD



Deuteranomaly
ABC1C6

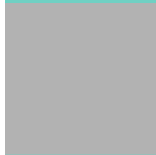


Tritanomaly
75CDD4

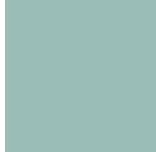
Monochromacy



Original Color
70D0C3



Achromatopsia
B2B2B2



Achromatomaly
9ABDB8

CSS Examples

Text

The CSS property to change the color of the text to Hex 70D0C3 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 #70D0C3 looks like.

```
.text, #text, p{  
    color:#70D0C3  
}
```

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 #70D0C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70D0C3
}
```

Border

The CSS property to change the border of an element to Hex 70D0C3 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
#70D0C3 }
```

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

```
.border{ border-color:#70D0C3 }
```

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

Here you see how a box with a 4 pixel #70D0C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70D0C3; -webkit-box-shadow:4px 4px  
4px 4px #70D0C3; box-shadow:4px 4px 4px  
4px #70D0C3 }
```

Background

The CSS property to change the background color of an element to Hex 70D0C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70D0C3 }
```

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

```
.background{ background-color:#70D0C3 }
```

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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