

Converting Colors

Hex(70C0B0)

Have a look what the booklet for
Hex(70C0B0) contains.

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Color

Hex(70C0B0)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 70C0B0 |
| RGB | 112, 192, 176 |
| RGB Percent | 44%, 75%, 69% |
| CMY | 0.5608, 0.2471, 0.3098 |
| CMYK | 0.42, 0.00, 0.08, 0.25 |
| HSL | 168°, 39%, 60% |
| HSV | 168°, 42%, 75% |
| XYZ | 33.3682, 44.2786, 47.8622 |
| YIQ | 166.2560, -42.5440, -21.9360 |

Conversions

Conversions Part 2

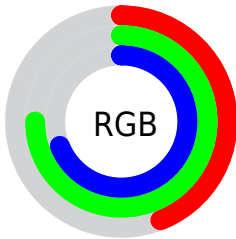
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 112, 156, 192 |
| Decimal | 7389360 |
| CIELab | 72.41, -28.37, 0.37 |
| CIElCh | 72, 28.375, 179.254 |
| Yxy | 44.2786, 0.2659, 0.3528 |
| Android (android.graphics.Color) | 4285579440 (0xFF70C0B0) |
| YUV | 166.2560, 4.8038, -47.5825 |
| Hunter-Lab | 66.5422, -26.9383, 3.9336 |

Details

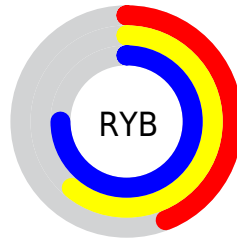
The Hex color **70C0B0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C07080**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A7F9E8**, and **398A7C** is the 20% darker color. If you saturate the color by 10%, you get **5DC0AC**, and if you desaturate by 10%, it is **83C0B4**.

Distribution



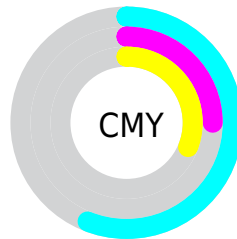
- Red (44%)
- Green (75%)
- Blue (69%)



- Red (44%)
- Yellow (61%)
- Blue (75%)



- Cyan (42%)
- Magenta (0%)
- Yellow (8%)
- Black (25%)



- Cyan (56%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70C0B0 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 70C0B0 by changing the saturation by 10% instead.

 70C0B0

 70C0B0

FFFFFF

 55A595

 A7F9E8

 398A7C

 C4FFFF

 197063

 E1FFFF

 00574B

FEFFFF

 004034

 00291F

 001007

 000000

 70C0B0

 70C0B0

■ 5DC0AC

■ 83C0B4

■ 4AC0A8

■ 96C0B8

■ 36C0A4

■ AAC0BC

■ 23C0A1

■ BDC0BF

■ 10C09D

■ D0C0C3

■ 00C09A

■ E3C0C7

■ F6C0CB

■ FFC0CF

■ FFC0D3

Harmonies

Analogous

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



8BBD96



70C0B0



62BFCA

Triad

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



70C0B0



B5ABDF



DAA786

Complementary

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



70C0B0



C07080

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.



E5A099



70C0B0



D2A3CD

Square

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



70C0B0



90B4E5



E39FB3



C5B07E

Rectangle

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



70C0B0



67BDD8



E39FB3



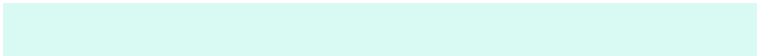
DFA48B

Sweetspot

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



70C0B0



D9FAF3



80C070



697D79



FCFCFC



7D7D7D

Same Dimension

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



70C0B0



7DFAE1



70A8C0



57615F



00A181



00211B

Inverse Universe

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



C07080



FA7D96



C08870



615759



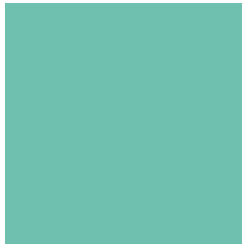
A10020



210007

Previews

White Background



This preview shows how the Hex color 70C0B0 looks on a white background.

Color Contrast Check

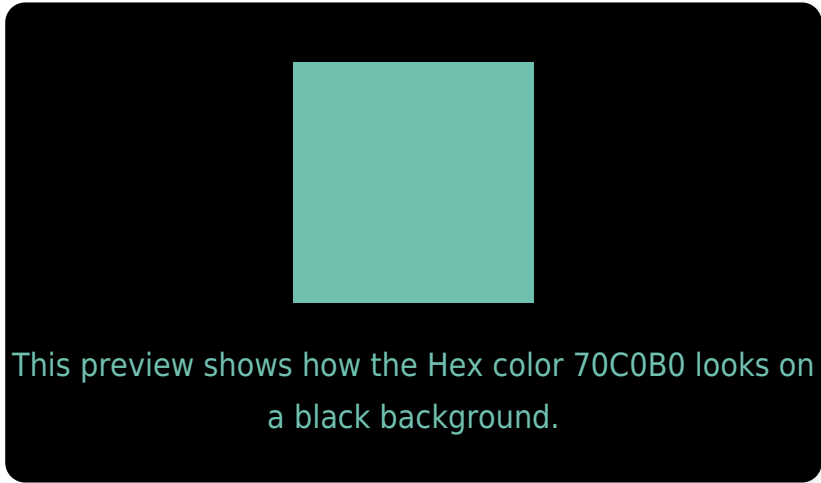
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

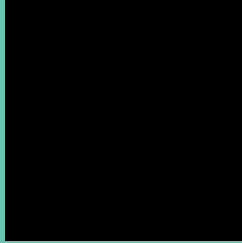
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

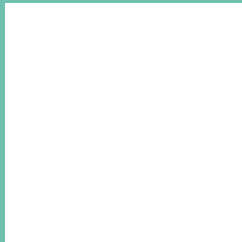
Any Text WCAG AAA ✓ Pass

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

Hex 70C0B0 Background



This preview shows how black text looks on a background with the Hex color 70C0B0.



This preview shows how white text looks on a background with the Hex color 70C0B0.

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](#).

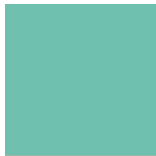
Dichromacy





Tritanopia
77BCCB

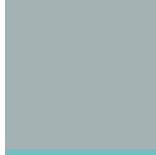
Trichromacy



Original Color
70C0B0



Protanomaly
9DB6AA



Deuteranomaly
A3B3B3

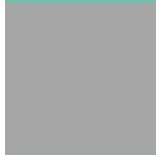


Tritanomaly
74BDC1

Monochromacy



Original Color
70C0B0



Achromatopsia
A6A6A6



Achromatomaly
92AFAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 70C0B0 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 #70C0B0 looks like.

```
.text, #text, p{  
    color:#70C0B0  
}
```

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 #70C0B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70C0B0
}
```

Border

The CSS property to change the border of an element to Hex 70C0B0 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
#70C0B0 }
```

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

```
.border{ border-color:#70C0B0 }
```

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

Here you see how a box with a 4 pixel #70C0B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70C0B0; -webkit-box-shadow:4px 4px  
4px 4px #70C0B0; box-shadow:4px 4px 4px  
4px #70C0B0 }
```

Background

The CSS property to change the background color of an element to Hex 70C0B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70C0B0 }
```

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

```
.background{ background-color:#70C0B0 }
```

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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