

Converting Colors

Hex(70C7B0)

Have a look what the booklet for
Hex(70C7B0) contains.

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Color

Hex(70C7B0)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 70C7B0 |
| RGB | 112, 199, 176 |
| RGB Percent | 44%, 78%, 69% |
| CMY | 0.5608, 0.2196, 0.3098 |
| CMYK | 0.44, 0.00, 0.12, 0.22 |
| HSL | 164°, 44%, 61% |
| HSV | 164°, 44%, 78% |
| XYZ | 34.9420, 47.4262, 48.3868 |
| YIQ | 170.3650, -44.4690, -25.5970 |

Conversions

Conversions Part 2

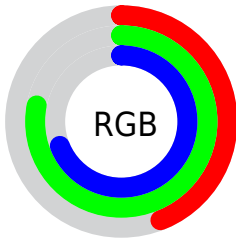
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 112, 162, 199 |
| Decimal | 7391152 |
| CIELab | 74.46, -31.74, 3.35 |
| CIElCh | 74, 31.912, 173.982 |
| Yxy | 47.4262, 0.2672, 0.3627 |
| Android (android.graphics.Color) | 4285581232 (0xFF70C7B0) |
| YUV | 170.3650, 2.7781, -51.1861 |
| Hunter-Lab | 68.8667, -29.9483, 6.5486 |

Details

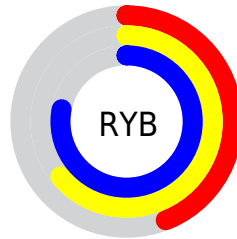
The Hex color **70C7B0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C77087**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **A8FFE8**, and **38917C** is the 20% darker color. If you saturate the color by 10%, you get **5CC7AB**, and if you desaturate by 10%, it is **84C7B5**.

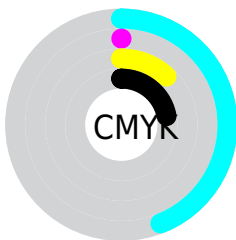
Distribution



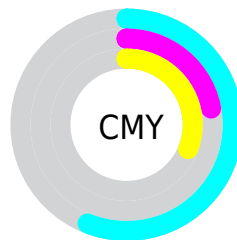
- Red (44%)
- Green (78%)
- Blue (69%)



- Red (44%)
- Yellow (64%)
- Blue (78%)



- Cyan (44%)
- Magenta (0%)
- Yellow (12%)
- Black (22%)



- Cyan (56%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70C7B0 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 70C7B0 by changing the saturation by 10% instead.

 70C7B0

 70C7B0


FFFFFF

 54AB95

 A8FFE8

 38917C

 C4FFFf

 167763

 E1FFFf

 005D4B

 004534

 002E1F

 001807

 000000

 70C7B0

 70C7B0

 5CC7AB

 84C7B5

 48C7A5

 98C7BB

 34C7A0

 ACC7C0

 20C79B

 C0C7C5

 0DC796

 D4C7CA

 00C792

 E7C7D0

 FBC7D5

 FFC7DA

 FFC7DF

Harmonies

Analogous

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



91C394



70C7B0



59C7CE

Triad

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



70C7B0



B3B2ED



E8A989

Complementary

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



70C7B0



C77087

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.



F2A3A1



70C7B0



D7A8DA

Square

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



70C7B0



88BCF1



EDA2BE



D1B37D

Rectangle

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



70C7B0



5BC5DF



EDA2BE



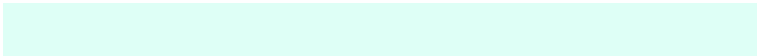
ECA790

Sweetspot

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



70C7B0



DEFFF6



87C770



6B807A



000000



808080

Same Dimension

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



70C7B0



7AFFDC



70B3C7



5A6361



00A378



00241A

Inverse Universe

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



C77087



FF7A9D



C78470



635A5C



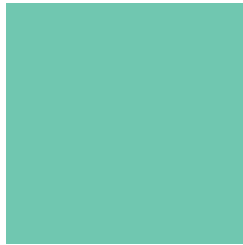
A3002B



240009

Previews

White Background



This preview shows how the Hex color 70C7B0 looks on a white background.

Color Contrast Check

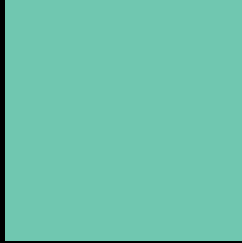
Large Text (above 18pt) WCAG AA × Fail

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 70C7B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

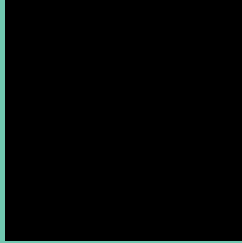
Any Text WCAG AA ✓ Pass

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 70C7B0 Background



This preview shows how black text looks on a background with the Hex color 70C7B0.

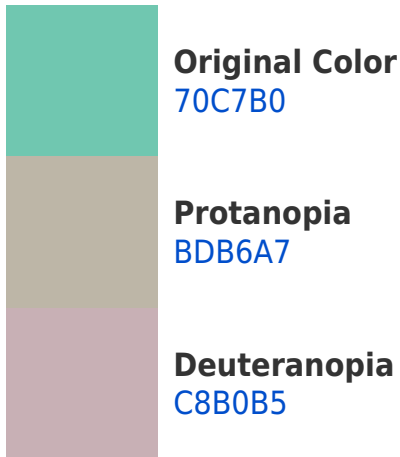


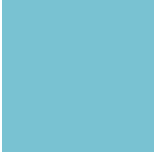
This preview shows how white text looks on a background with the Hex color 70C7B0.

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](#).

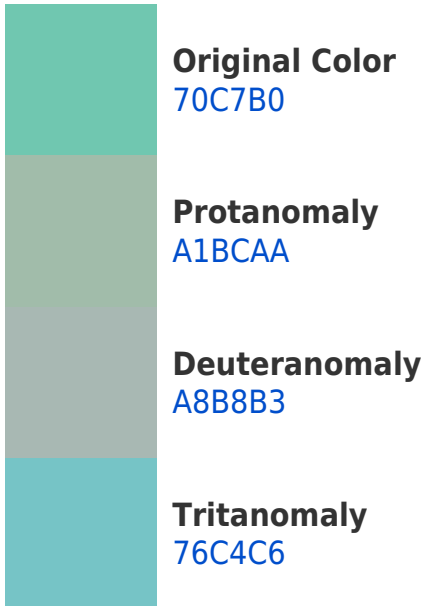
Dichromacy



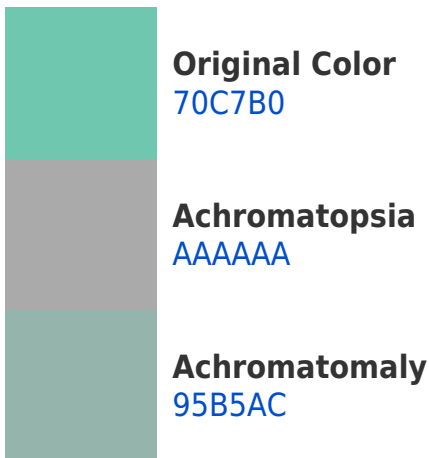


Tritanopia
79C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70C7B0 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 #70C7B0 looks like.

```
.text, #text, p{  
    color:#70C7B0  
}
```

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 #70C7B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70C7B0
}
```

Border

The CSS property to change the border of an element to Hex 70C7B0 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
#70C7B0 }
```

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

```
.border{ border-color:#70C7B0 }
```

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

Here you see how a box with a 4 pixel #70C7B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70C7B0; -webkit-box-shadow:4px 4px  
4px 4px #70C7B0; box-shadow:4px 4px 4px  
4px #70C7B0 }
```

Background

The CSS property to change the background color of an element to Hex 70C7B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70C7B0 }
```

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

```
.background{ background-color:#70C7B0 }
```

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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