

Converting Colors

Hex(70C2A8)

Have a look what the booklet for
Hex(70C2A8) contains.

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Color

Hex(70C2A8)

Conversions

Conversions Part 1

Format	Color
Hex	70C2A8
RGB	112, 194, 168
RGB Percent	44%, 76%, 66%
CMY	0.5608, 0.2392, 0.3412
CMYK	0.42, 0.00, 0.13, 0.24
HSL	161°, 40%, 60%
HSV	161°, 42%, 76%
XYZ	33.0418, 44.8555, 43.9623
YIQ	166.5180, -40.5260, -25.4700

Conversions

Conversions Part 2

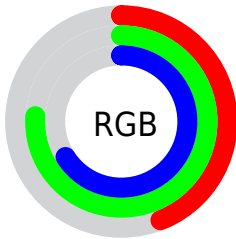
Format	Color
RYB	112, 161, 194
Decimal	7389864
CIELab	72.80, -31.17, 5.28
CIElCh	73, 31.618, 170.393
Yxy	44.8555, 0.2711, 0.3681
Android (android.graphics.Color)	4285579944 (0xFF70C2A8)
YUV	166.5180, 0.7306, -47.8123
Hunter-Lab	66.9742, -29.1419, 7.9637

Details

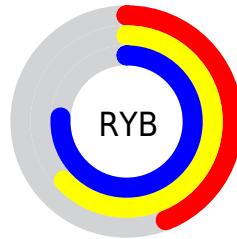
The Hex color **70C2A8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C2708A**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A7FBDF**, and **398C74** is the 20% darker color. If you saturate the color by 10%, you get **5DC2A2**, and if you desaturate by 10%, it is **83C2AE**.

Distribution



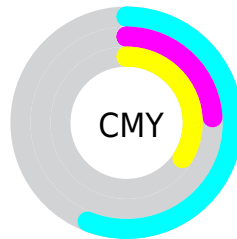
- Red (44%)
- Green (76%)
- Blue (66%)



- Red (44%)
- Yellow (63%)
- Blue (76%)



- Cyan (42%)
- Magenta (0%)
- Yellow (13%)
- Black (24%)



- Cyan (56%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70C2A8 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 70C2A8 by changing the saturation by 10% instead.

 70C2A8

 70C2A8

FFFFFF

 55A78E

 A7FBDF

 398C74

 C4FFFC

 1A725B

 E1FFFF

 005944

FEFFFF

 00412E

 002A19

 001100

 000000

 70C2A8

 70C2A8

 5DC2A2

 83C2AE

 49C29C

 97C2B4

 36C296

 AAC2BA

 22C28F

 BEC2C1

 0FC289

 D1C2C7

 00C284

 E4C2CD

 F8C2D3

 FFC2D9

 FFC2DF

Harmonies

Analogous

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



91BE8D



70C2A8



57C2C6

Triad

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



70C2A8



AAAFE9



E4A487

Complementary

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



70C2A8



C2708A

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.



ED9EA0



70C2A8



CEA4D8

Square

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



70C2A8



7FB8EB



E69EBD



CFAE7A

Rectangle

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



70C2A8



56C1D7



E69EBD



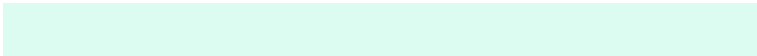
E9A18E

Sweetspot

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



70C2A8



DCF2F2



8BC270



6B8079



000000



808080

Same Dimension

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



70C2A8



7CFCD4



70B4C2



57615E



00A16E



002117

Inverse Universe

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



C2708A



FC7CA5



C27E70



61575A



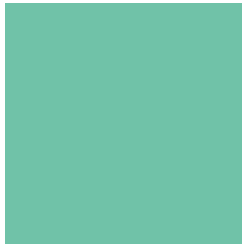
A10033



21000B

Previews

White Background



This preview shows how the Hex color 70C2A8 looks on a white background.

Color Contrast Check

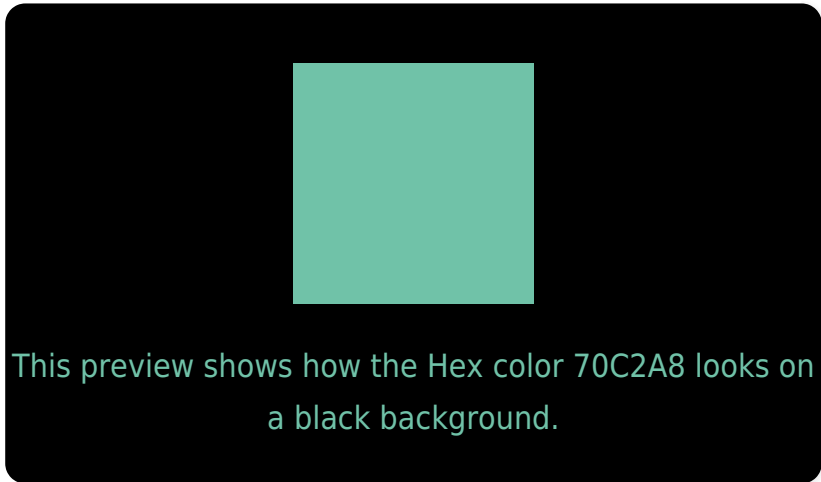
Large Text (above 18pt) WCAG AA × Fail

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

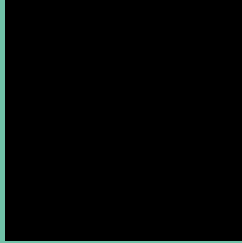
Any Text WCAG AA ✓ Pass

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 70C2A8 Background



This preview shows how black text looks on a background with the Hex color 70C2A8.

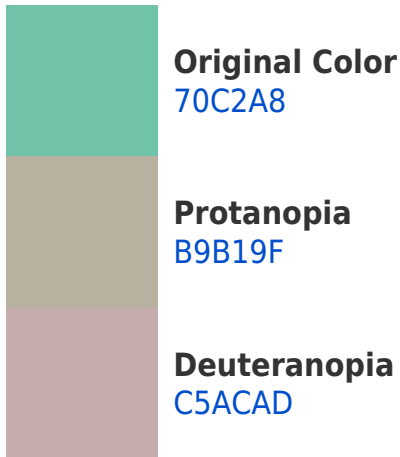


This preview shows how white text looks on a background with the Hex color 70C2A8.

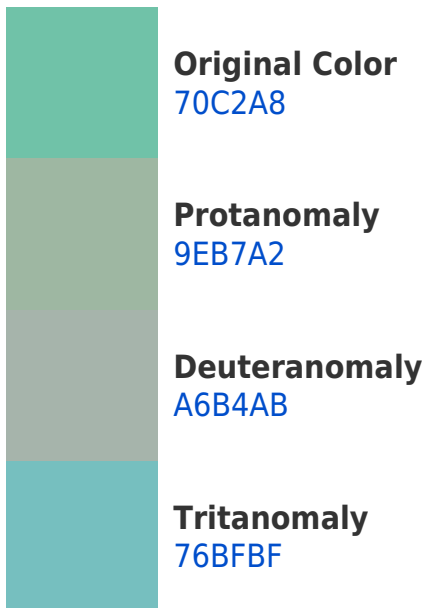
Color Blindness Simulation

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](#).

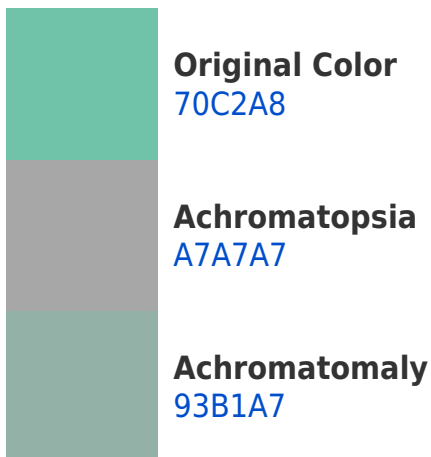
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70C2A8 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 #70C2A8 looks like.

```
.text, #text, p{  
  color:#70C2A8  
}
```

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 #70C2A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70C2A8  
}
```

Border

The CSS property to change the border of an element to Hex 70C2A8 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  
#70C2A8 }
```

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

```
.border{ border-color:#70C2A8 }
```

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

Here you see how a box with a 4 pixel #70C2A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70C2A8; -webkit-box-shadow:4px 4px  
4px 4px #70C2A8; box-shadow:4px 4px 4px  
4px #70C2A8 }
```

Background

The CSS property to change the background color of an element to Hex 70C2A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70C2A8 }
```

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

```
.background{ background-color:#70C2A8 }
```

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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