

# Converting Colors

Hex(70D3AC)

Have a look what the booklet for  
Hex(70D3AC) contains.

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**Color**

**Hex(70D3AC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70D3AC
RGB	112, 211, 172
RGB Percent	44%, 83%, 67%
CMY	0.5608, 0.1725, 0.3255
CMYK	0.47, 0.00, 0.18, 0.17
HSL	156°, 53%, 63%
HSV	156°, 47%, 83%
XYZ	37.4228, 53.0118, 47.2896
YIQ	176.9530, -46.4850, -33.1170

# Conversions

## Conversions Part 2

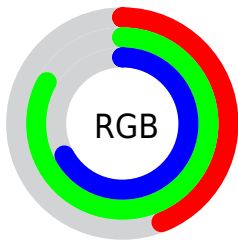
Format	Color
<b>RYB</b>	112, 174, 211
Decimal	7394220
CIELab	77.88, -38.20, 10.41
CIELCh	78, 39.588, 164.761
Yxy	53.0118, 0.2717, 0.3849
Android (android.graphics.Color)	4285584300 (0xFF70D3AC)
YUV	176.9530, -2.4418, -56.9638
Hunter-Lab	72.8092, -35.6701, 12.4576

# Details

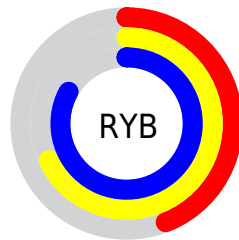
The Hex color **70D3AC** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D37097**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **A9FFE3**, and **369C78** is the 20% darker color. If you saturate the color by 10%, you get **5BD3A4**, and if you desaturate by 10%, it is **85D3B4**.

# Distribution



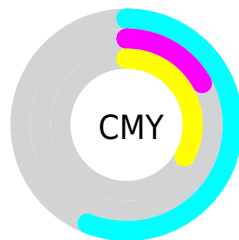
- Red (44%)
- Green (83%)
- Blue (67%)



- Red (44%)
- Yellow (68%)
- Blue (83%)



- Cyan (47%)
- Magenta (0%)
- Yellow (18%)
- Black (17%)



- Cyan (56%)
- Magenta (17%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70D3AC 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 70D3AC by changing the saturation by 10% instead.



 70D3AC

 70D3AC

FFFFFF

 54B791

 A9FFE3

 369C78

 C5FFFF

 0F815F

 E3FFFF

 006847

 004F31

 00371C

 002302

 000000

 70D3AC

 70D3AC

 5BD3A4

 85D3B4

 46D39B

 9AD3BD

 31D393

 AFD3C5

 1CD38B

 C4D3CD

 07D382

 D9D3D6

 00D380

 EFD3DE

 FFD3E6

 FFD3EE

 FFD3F7

# Harmonies

## Analogous

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



9ECD8B



70D3AC



40D4D2

# Triad

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



70D3AC



A9BEFF



FFAC8E

# Complementary

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



70D3AC



D37097

# 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.



FFA5B0



70D3AC



DCB1F5

# Square

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



70D3AC



6DCAFF



FDA6D5



E9B87A

# Rectangle

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



70D3AC



30D3E9



FDA6D5



FFA898

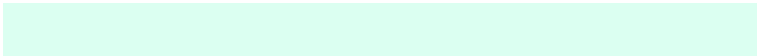


# Sweetspot

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



70D3AC



DBFFF1



98D370



6A8077



000000



808080



# Same Dimension

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



70D3AC



70FFC7



70C9D3



5E6964



00A866



002919



# Inverse Universe

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



D37097



FF70A8



D37A70



695E62



A80042



290010



# Previews

## White Background



This preview shows how the Hex color 70D3AC 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 70D3AC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

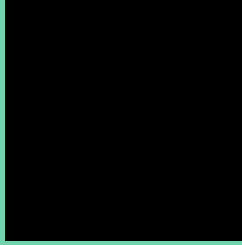
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 70D3AC Background



This preview shows how black text looks on a background with the Hex color 70D3AC.

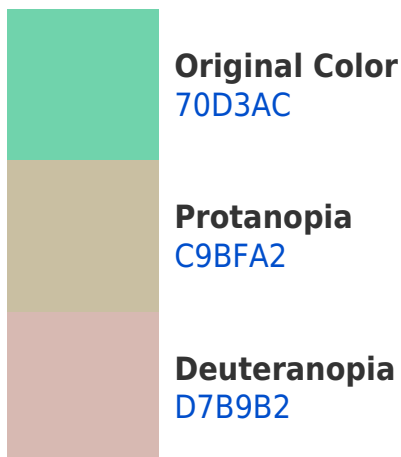


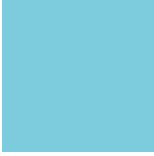
This preview shows how white text looks on a background with the Hex color 70D3AC.

# 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



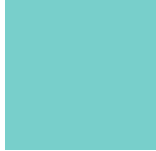
**Original Color**  
70D3AC



**Protanomaly**  
A9C6A6



**Deuteranomaly**  
B2C2B0

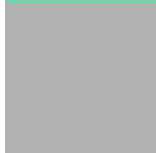


**Tritanomaly**  
78CFCB

# Monochromacy



**Original Color**  
70D3AC



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
99BDAF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70D3AC 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 #70D3AC looks like.

```
.text, #text, p{  
    color:#70D3AC  
}
```

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 #70D3AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70D3AC
}
```

## Border

The CSS property to change the border of an element to Hex 70D3AC 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
#70D3AC }
```

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

```
.border{ border-color:#70D3AC }
```

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

Here you see how a box with a 4 pixel #70D3AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70D3AC; -webkit-box-shadow:4px 4px  
4px 4px #70D3AC; box-shadow:4px 4px 4px  
4px #70D3AC }
```

# Background

The CSS property to change the background color of an element to Hex 70D3AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70D3AC }
```

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

```
.background{ background-color:#70D3AC }
```

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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