

# Converting Colors

Hex(70ADA6)

Have a look what the booklet for  
Hex(70ADA6) contains.

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**Color**

**Hex(70ADA6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70ADA6
RGB	112, 173, 166
RGB Percent	44%, 68%, 65%
CMY	0.5608, 0.3216, 0.3490
CMYK	0.35, 0.00, 0.04, 0.32
HSL	173°, 27%, 56%
HSV	173°, 35%, 68%
XYZ	28.5086, 36.0851, 41.5389
YIQ	153.9630, -34.1090, -15.1090

# Conversions

## Conversions Part 2

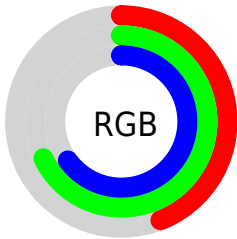
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">112, 144, 173</a>
Decimal	<a href="#">7384486</a>
CIELab	<a href="#">66.58, -21.27, -2.67</a>
CIELCh	<a href="#">67, 21.441, 187.143</a>
Yxy	<a href="#">36.0851, 0.2686, 0.3400</a>
Android (android.graphics.Color)	<a href="#">4285574566 (0xFF70ADA6)</a>
YUV	<a href="#">153.9630, 5.9342, -36.8016</a>
Hunter-Lab	<a href="#">60.0708, -20.4109, 1.0506</a>

# Details

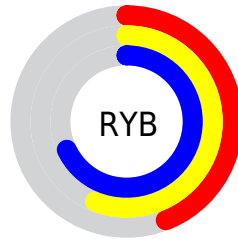
The Hex color **70ADA6** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AD7077**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A6E5DD**, and **3C7872** is the 20% darker color. If you saturate the color by 10%, you get **5FADA4**, and if you desaturate by 10%, it is **81ADA8**.

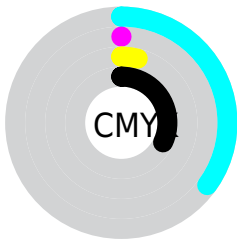
# Distribution



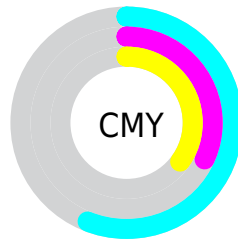
- Red (44%)
- Green (68%)
- Blue (65%)



- Red (44%)
- Yellow (56%)
- Blue (68%)



- Cyan (35%)
- Magenta (0%)
- Yellow (4%)
- Black (32%)



- Cyan (56%)
- Magenta (32%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70ADA6 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 70ADA6 by changing the saturation by 10% instead.



 70ADA6

 70ADA6

FFFFFF

 56928C

 A6E5DD

 3C7872

 C2FFFA

 215F5A

 DEFFF

 004742

 FCFFF

 00312C

 001D18

 000000

 70ADA6

 70ADA6

 5FADA4

 81ADA8

4DADA2

93ADAA

3CADA0

A4ADAC

2BAD9E

B5ADAE

19AD9C

C7ADB0

08AD9A

D8ADB2

00AD99

E9ADB4

FAADB6

FFADB8

# Harmonies

## Analogous

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



81AC92



70ADA6



6CACB8

# Triad

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



70ADA6



AB9BC1



BD9C7F

# Complementary

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



70ADA6



AD7077

# 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.



C8968C



70ADA6



BF96B1

# Square

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



70ADA6



91A2C8



C9949E



ACA27C

# Rectangle

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



70ADA6



73AAC2



C9949E



C29A82



# Sweetspot

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



70ADA6



C8E0DE



77AD70



62706F



F0F0F0



707070



# Same Dimension

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



70ADA6



82E0D6



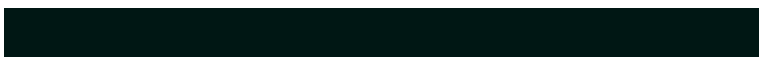
7096AD



4E5756



009685



001714



# Inverse Universe

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



AD7077



E0828D



AD8770



574E4F



960011

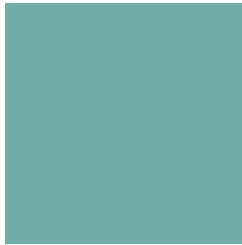


170003



# Previews

## White Background



This preview shows how the Hex color 70ADA6 looks on a white background.

## Color Contrast Check

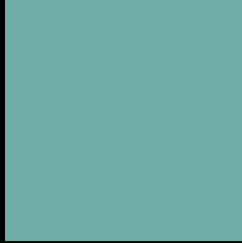
Large Text (above 18pt) WCAG AA × Fail

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 70ADA6 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

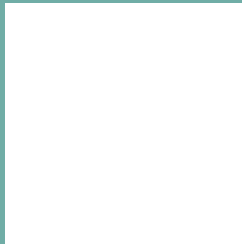
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 70ADA6 Background



This preview shows how black text looks on a background with the Hex color 70ADA6.

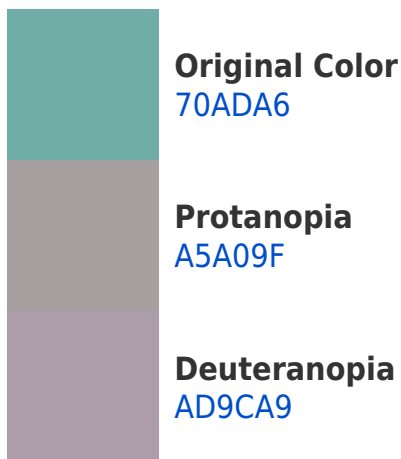


This preview shows how white text looks on a background with the Hex color 70ADA6.

# 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](#).

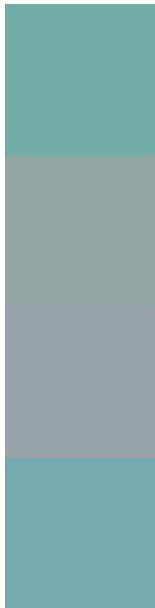
## Dichromacy





**Tritanopia**  
74AAB8

# Trichromacy



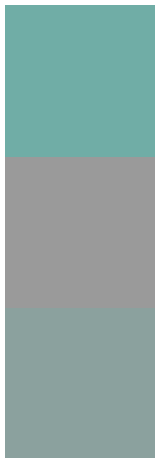
**Original Color**  
70ADA6

**Protanomaly**  
92A5A2

**Deuteranomaly**  
97A2A8

**Tritanomaly**  
73ABB1

# Monochromacy



**Original Color**  
70ADA6

**Achromatopsia**  
9A9A9A

**Achromatomaly**  
8BA19E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70ADA6 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 #70ADA6 looks like.

```
.text, #text, p{  
    color:#70ADA6  
}
```

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 #70ADA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70ADA6
}
```

## Border

The CSS property to change the border of an element to Hex 70ADA6 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
#70ADA6 }
```

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

```
.border{ border-color:#70ADA6 }
```

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

Here you see how a box with a 4 pixel #70ADA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70ADA6; -webkit-box-shadow:4px 4px  
4px 4px #70ADA6; box-shadow:4px 4px 4px  
4px #70ADA6 }
```

# Background

The CSS property to change the background color of an element to Hex 70ADA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70ADA6 }
```

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

```
.background{ background-color:#70ADA6 }
```

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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