

# Converting Colors

Hex(70BAA9)

Have a look what the booklet for  
Hex(70BAA9) contains.

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# **Color**

**Hex(70BAA9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70BAA9
RGB	112, 186, 169
RGB Percent	44%, 73%, 66%
CMY	0.5608, 0.2706, 0.3373
CMYK	0.40, 0.00, 0.09, 0.27
HSL	166°, 35%, 58%
HSV	166°, 40%, 73%
XYZ	31.4024, 41.4271, 43.8773
YIQ	161.9360, -38.6470, -20.9750

# Conversions

## Conversions Part 2

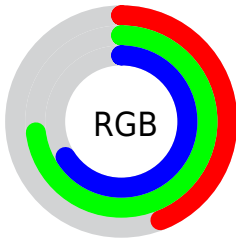
Format	Color
<a href="#">RYB</a>	<a href="#">112, 154, 186</a>
Decimal	<a href="#">7387817</a>
CIELab	<a href="#">70.47, -27.08, 1.37</a>
CIELCh	<a href="#">70, 27.111, 177.109</a>
Yxy	<a href="#">41.4271, 0.2691, 0.3550</a>
Android (android.graphics.Color)	<a href="#">4285577897</a> ( <a href="#">0xFF70BAA9</a> )
YUV	<a href="#">161.9360, 3.4826, -43.7939</a>
Hunter-Lab	<a href="#">64.3639, -25.5487, 4.6364</a>

# Details

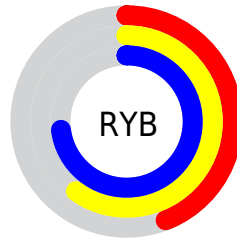
The Hex color **70BAA9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BA7081**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **A7F2E0**, and **3A8475** is the 20% darker color. If you saturate the color by 10%, you get **5DBAA5**, and if you desaturate by 10%, it is **83BAAD**.

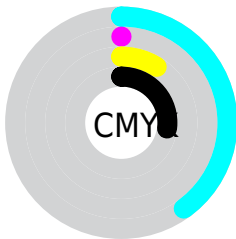
# Distribution



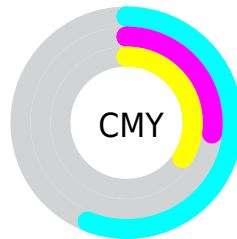
- Red (44%)
- Green (73%)
- Blue (66%)



- Red (44%)
- Yellow (60%)
- Blue (73%)



- Cyan (40%)
- Magenta (0%)
- Yellow (9%)
- Black (27%)



- Cyan (56%)
- Magenta (27%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70BAA9 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 70BAA9 by changing the saturation by 10% instead.



 70BAA9

 70BAA9

FFFFFF

 559F8F

 A7F2E0

 3A8475

 C3FFFD

 1D6B5C

 E0FFFF

 005245

FDFFFF

 003B2F

 00251A

 000300

 000000

 70BAA9

 70BAA9

■ 5DBAA5

■ 83BAAD

■ 4BBAA0

■ 95BAB2

■ 38BA9C

■ A8BAB6

■ 26BA98

■ BABABA

■ 13BA94

■ CDBABE

■ 00BA8F

■ E0BAC3

■ F2BAC7

■ FFBACB

■ FFBACF

# Harmonies

## Analogous

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



8AB791



70BAA9



62BAC2

# Triad

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



70BAA9



ADA7D8



D4A284

# Complementary

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



70BAA9



BA7081

# 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.



DE9C97



70BAA9



CA9FC7

# Square

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



70BAA9



8AAFDD



DB9BB0



C0AA7B

# Rectangle

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



70BAA9



66B8D0



DB9BB0



D99F89



# Sweetspot

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



70BAA9



D5F2EC



81BA70



697A76



FAFAFA



7A7A7A



# Same Dimension

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



70BAA9



7EF2D8



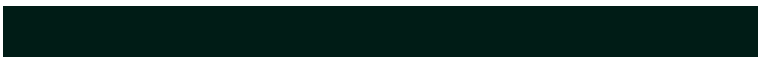
70A6BA



535C5A



009C78



001C16



# Inverse Universe

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



BA7081



F27E99



BA8470



5C5355



9C0024

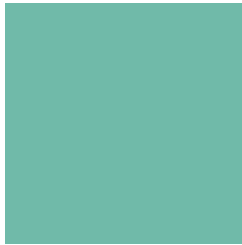


1C0006



# Previews

## White Background



This preview shows how the Hex color 70BAA9 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 70BAA9 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 70BAA9 Background



This preview shows how black text looks on a background with the Hex color 70BAA9.

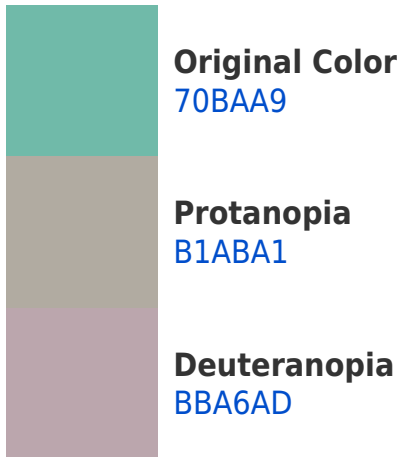


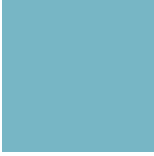
This preview shows how white text looks on a background with the Hex color 70BAA9.

# 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](#).

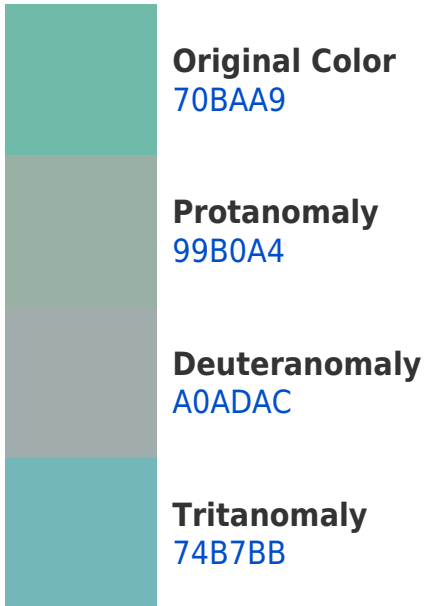
## Dichromacy



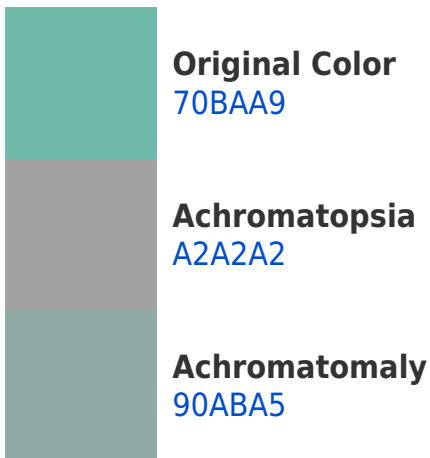


**Tritanopia**  
77B6C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70BAA9 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 #70BAA9 looks like.

```
.text, #text, p{  
    color:#70BAA9  
}
```

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 #70BAA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70BAA9
}
```

## Border

The CSS property to change the border of an element to Hex 70BAA9 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
#70BAA9 }
```

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

```
.border{ border-color:#70BAA9 }
```

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

Here you see how a box with a 4 pixel #70BAA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70BAA9; -webkit-box-shadow:4px 4px  
4px 4px #70BAA9; box-shadow:4px 4px 4px  
4px #70BAA9 }
```

# Background

The CSS property to change the background color of an element to Hex 70BAA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70BAA9 }
```

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

```
.background{ background-color:#70BAA9 }
```

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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