

# Converting Colors

Hex(70B2C9)

Have a look what the booklet for  
Hex(70B2C9) contains.

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# **Color**

**Hex(70B2C9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70B2C9
RGB	112, 178, 201
RGB Percent	44%, 70%, 79%
CMY	0.5608, 0.3020, 0.2118
CMYK	0.44, 0.11, 0.00, 0.21
HSL	196°, 45%, 61%
HSV	196°, 44%, 79%
XYZ	33.1451, 39.5026, 61.1362
YIQ	160.8880, -46.7190, -6.8390

# Conversions

## Conversions Part 2

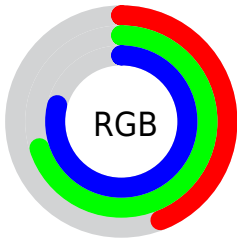
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 150, 201
Decimal	7385801
CIELab	69.11, -14.93, -18.25
CIElCh	69, 23.581, 230.706
Yxy	39.5026, 0.2478, 0.2953
Android (android.graphics.Color)	4285575881 (0xFF70B2C9)
YUV	160.8880, 19.7752, -42.8748
Hunter-Lab	62.8511, -15.8557, -13.6765

# Details

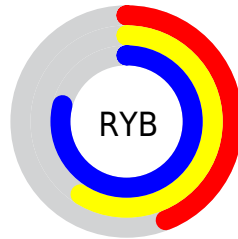
The Hex color **70B2C9** is a light color, and the websafe version is hex **669999**. A complement of this color would be **C98770**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **A8EAFF**, and **387D93** is the 20% darker color. If you saturate the color by 10%, you get **5CADC9**, and if you desaturate by 10%, it is **84B7C9**.

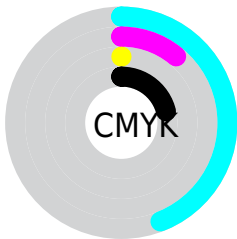
# Distribution



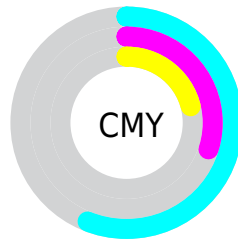
- Red (44%)
- Green (70%)
- Blue (79%)



- Red (44%)
- Yellow (59%)
- Blue (79%)



- Cyan (44%)
- Magenta (11%)
- Yellow (0%)
- Black (21%)



- Cyan (56%)
- Magenta (30%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70B2C9 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 70B2C9 by changing the saturation by 10% instead.



 70B2C9

 70B2C9

FFFFFF

 5497AE

 A8EAFB

 387D93

 C4FFFF

 176479

 E1FFFF

 004C60

 003549

 002032

 00021D

 000000

 70B2C9

 70B2C9

■ 5CADC9

■ 84B7C9

■ 48A8C9

■ 98BCC9

■ 34A2C9

■ ACC2C9

■ 209DC9

■ C0C7C9

■ 0B98C9

■ D5CCC9

■ 0095C9

■ E9D1C9

■ FDD6C9

■ FFDCC9

■ FFE1C9

# Harmonies

## Analogous

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



6CB5B7



70B2C9



86ADD2

# Triad

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



70B2C9



CF9AB0



A9AC81

# Complementary

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



70B2C9



C98770

# 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.



BFA57F



70B2C9



D59A9B

# Square

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



70B2C9



BE9EC4



CE9E89



91B18D

# Rectangle

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



70B2C9



99A8D2



CE9E89



B1AA7F

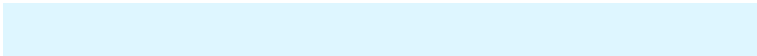


# Sweetspot

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



70B2C9



DEF6FF



70C986



6B7A80



000000



808080



# Same Dimension

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



70B2C9



78DCFF



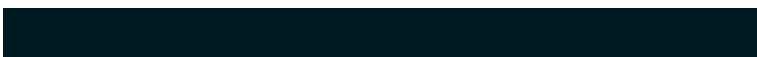
7086C9



5A6163



0079A3



001A24



# Inverse Universe

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



C970B2



FF78DC



C9B370



635A61



A30079

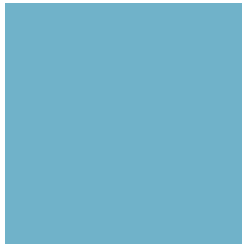


24001A



# Previews

## White Background



This preview shows how the Hex color 70B2C9 looks on a white background.

## Color Contrast Check

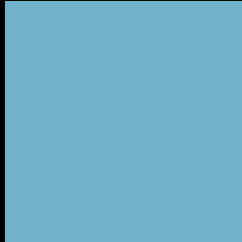
Large Text (above 18pt) WCAG AA × Fail

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 70B2C9 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 70B2C9 Background



This preview shows how black text looks on a background with the Hex color 70B2C9.

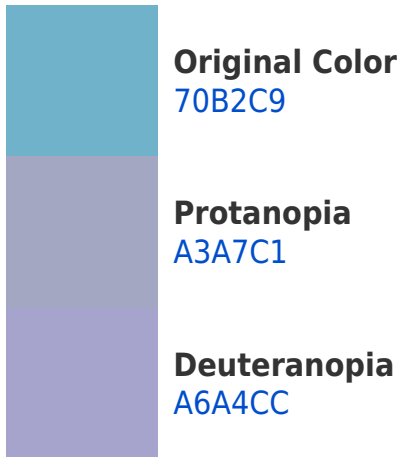


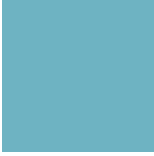
This preview shows how white text looks on a background with the Hex color 70B2C9.

# 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](#).

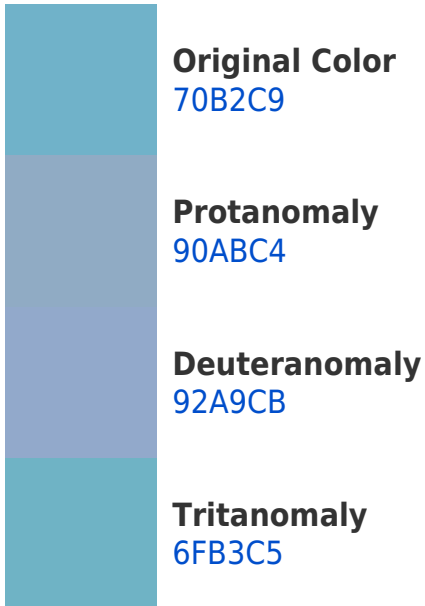
## Dichromacy



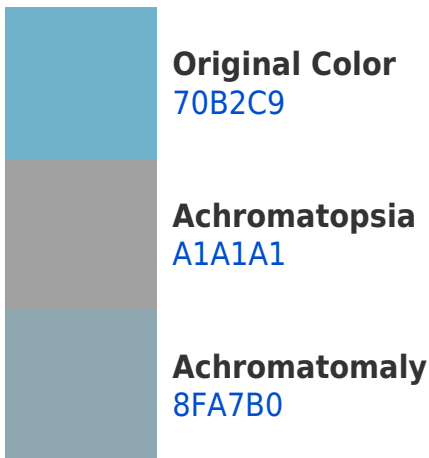


**Tritanopia**  
6EB3C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70B2C9 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 #70B2C9 looks like.

```
.text, #text, p{  
    color:#70B2C9  
}
```

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 #70B2C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70B2C9
}
```

## Border

The CSS property to change the border of an element to Hex 70B2C9 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
#70B2C9 }
```

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

```
.border{ border-color:#70B2C9 }
```

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

Here you see how a box with a 4 pixel #70B2C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70B2C9; -webkit-box-shadow:4px 4px  
4px 4px #70B2C9; box-shadow:4px 4px 4px  
4px #70B2C9 }
```

# Background

The CSS property to change the background color of an element to Hex 70B2C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70B2C9 }
```

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

```
.background{ background-color:#70B2C9 }
```

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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