

Converting Colors

Hex(70BC92)

Have a look what the booklet for
Hex(70BC92) contains.

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Color

Hex(70BC92)

Conversions

Conversions Part 1

Format	Color
Hex	70BC92
RGB	112, 188, 146
RGB Percent	44%, 74%, 57%
CMY	0.5608, 0.2627, 0.4275
CMYK	0.40, 0.00, 0.22, 0.26
HSL	147°, 36%, 59%
HSV	147°, 40%, 74%
XYZ	29.8536, 41.4865, 33.6284
YIQ	160.4880, -31.8140, -29.1740

Conversions

Conversions Part 2

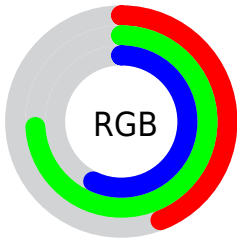
Format	Color
RYB	112, 165, 188
Decimal	7388306
CIELab	70.52, -33.03, 13.97
CIElCh	71, 35.868, 157.070
Yxy	41.4865, 0.2844, 0.3952
Android (android.graphics.Color)	4285578386 (0xFF70BC92)
YUV	160.4880, -7.1426, -42.5240
Hunter-Lab	64.4100, -29.9840, 14.1318

Details

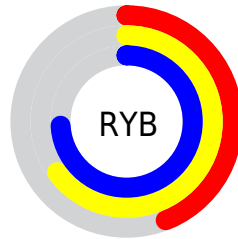
The Hex color **70BC92** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **BC709A**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **A7F5C8**, and **3B865F** is the 20% darker color. If you saturate the color by 10%, you get **5DBC88**, and if you desaturate by 10%, it is **83BC9C**.

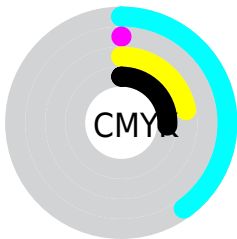
Distribution



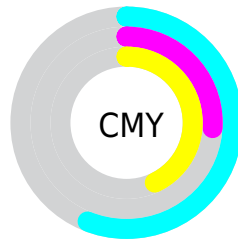
- Red (44%)
- Green (74%)
- Blue (57%)



- Red (44%)
- Yellow (65%)
- Blue (74%)



- Cyan (40%)
- Magenta (0%)
- Yellow (22%)
- Black (26%)



- Cyan (56%)
- Magenta (26%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70BC92 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 70BC92 by changing the saturation by 10% instead.



70BC92



70BC92

FFFFFF



55A178



A7F5C8



3B865F



C3FFE4



1E6C48



DFFFFFF



005431



FDFFFF



003C1C



002603



000400



000000



70BC92



70BC92

 5DBC88

 83BC9C

 4ABC7D

 96BCA7

 38BC73

 A8BCB1

 25BC68

 BBBCBC

 12BC5E

 CEBCC6

 00BC54

 E1BCD0

 F4BCDB

 FFBC E5

 FFBC F0

Harmonies

Analogous

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



97B677



70BC92



47BEB3

Triad

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



70BC92



8BADED



E99887

Complementary

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



70BC92



BC709A

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.



EC93A6



70BC92



BBA1E1

Square

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



70BC92



55B7E8



DC97C7



D7A271

Rectangle

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



70BC92



32BDC9



DC97C7



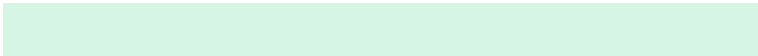
EC9590

Sweetspot

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



70BC92



D7F5E5



9BBC70



697A71



FAFAFA



7A7A7A

Same Dimension

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



70BC92



7DF5B3



70BCB7



555E59



009E47



001F0E

Inverse Universe

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



BC709A



F57DBF



BC7075



5E555A



9E0057



1F0011

Previews

White Background



This preview shows how the Hex color 70BC92 looks on a white background.

Color Contrast Check

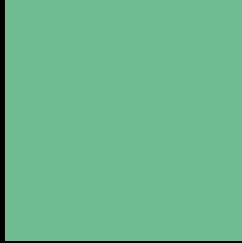
Large Text (above 18pt) WCAG AA × Fail

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 70BC92 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

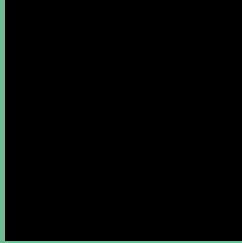
Any Text WCAG AA ✓ Pass

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 70BC92 Background



This preview shows how black text looks on a background with the Hex color 70BC92.

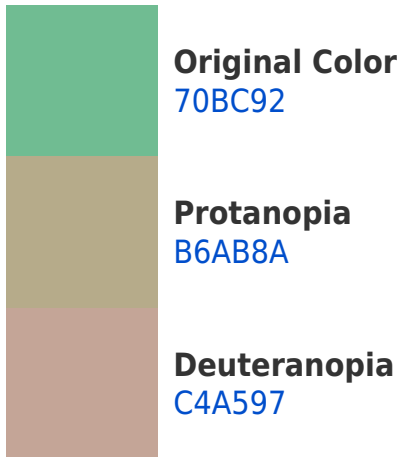


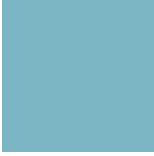
This preview shows how white text looks on a background with the Hex color 70BC92.

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](#).

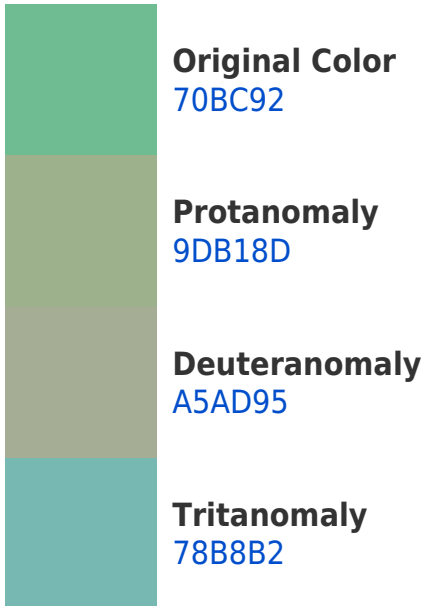
Dichromacy



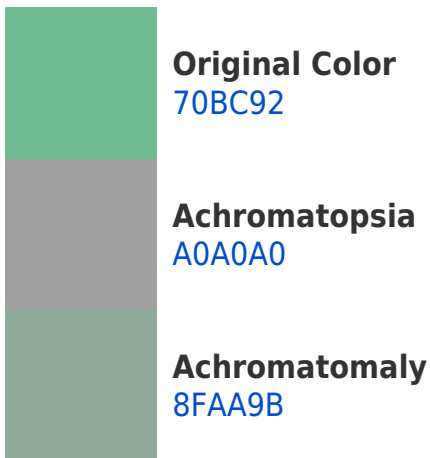


Tritanopia
7CB5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70BC92 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 #70BC92 looks like.

```
.text, #text, p{  
    color:#70BC92  
}
```

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 #70BC92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70BC92
}
```

Border

The CSS property to change the border of an element to Hex 70BC92 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
#70BC92 }
```

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

```
.border{ border-color:#70BC92 }
```

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

Here you see how a box with a 4 pixel #70BC92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70BC92; -webkit-box-shadow:4px 4px  
4px 4px #70BC92; box-shadow:4px 4px 4px  
4px #70BC92 }
```

Background

The CSS property to change the background color of an element to Hex 70BC92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70BC92 }
```

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

```
.background{ background-color:#70BC92 }
```

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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