

# Converting Colors

Hex(71B498)

Have a look what the booklet for  
Hex(71B498) contains.

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# **Color**

**Hex(71B498)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71B498
RGB	113, 180, 152
RGB Percent	44%, 71%, 60%
CMY	0.5569, 0.2941, 0.4039
CMYK	0.37, 0.00, 0.16, 0.29
HSL	155°, 31%, 57%
HSV	155°, 37%, 71%
XYZ	28.7988, 38.4202, 35.6038
YIQ	156.7750, -30.9440, -22.9120

# Conversions

## Conversions Part 2

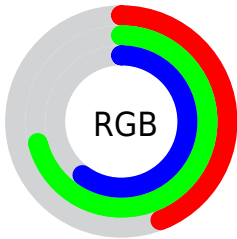
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 155, 180
Decimal	7451800
CIELab	68.33, -27.66, 7.61
CIElCh	68, 28.688, 164.621
Yxy	38.4202, 0.2801, 0.3737
Android (android.graphics.Color)	4285641880 (0xFF71B498)
YUV	156.7750, -2.3541, -38.3907
Hunter-Lab	61.9841, -25.5381, 9.3326

# Details

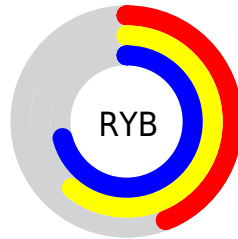
The Hex color **71B498** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B4718D**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **A7ECCE**, and **3D7F65** is the 20% darker color. If you saturate the color by 10%, you get **5FB490**, and if you desaturate by 10%, it is **83B4A0**.

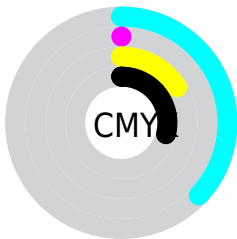
# Distribution



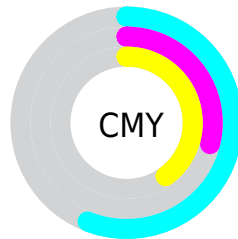
- Red (44%)
- Green (71%)
- Blue (60%)



- Red (44%)
- Yellow (61%)
- Blue (71%)



- Cyan (37%)
- Magenta (0%)
- Yellow (16%)
- Black (29%)




- Cyan (56%)
- Magenta (29%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71B498 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 71B498 by changing the saturation by 10% instead.



 71B498

 71B498

FFFFFF

 57997E

 A7ECCE

 3D7F65

 C3FFEA

 22654D

 E0FFFF


 004D36

FDFDFD

 003621

 00210B

 000000

 71B498

 71B498

 5FB490

 83B4A0

 4DB489

 95B4A7

 3BB481

 A7B4AF

 29B47A

 B9B4B6

 17B472

 CBB4BE

 05B46B

 DDB4C5

 00B469

 EFB4CD

 FFB4D4

 FFB4DC

# Harmonies

## Analogous

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



8FB081



71B498



59B5B3

# Triad

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



71B498



98A5D8



D69883

# Complementary

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



71B498



B4718D

# 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.



DB949B



71B498



BA9CCC

# Square

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



71B498



72ADD8



D195B5



C5A075

# Rectangle

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



71B498



55B4C3



D195B5



D9968A



# Sweetspot

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



71B498



D1EBE0



8EB471



66756F



F5F5F5



757575



# Same Dimension

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



71B498



81EBBE



71B0B4



505956



009959



001A0F



# Inverse Universe

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



B4718D



EB81AD



B47571



595054



990040



1A000B



# Previews

## White Background



This preview shows how the Hex color 71B498 looks on a white background.

## Color Contrast Check

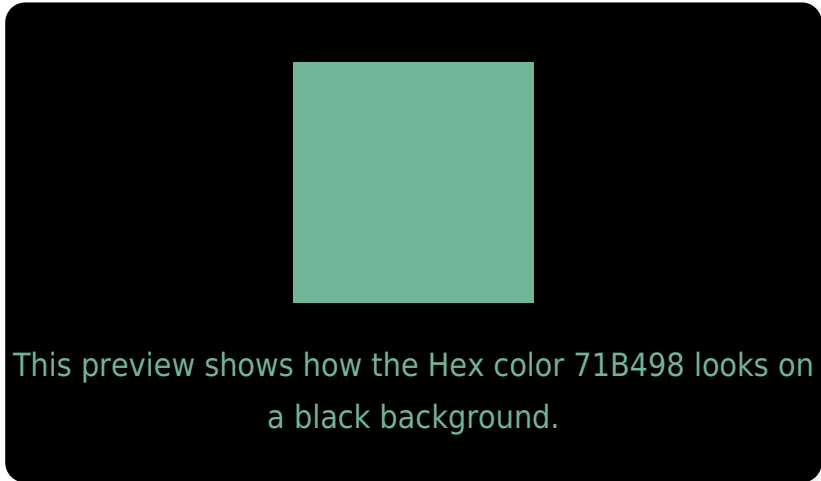
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

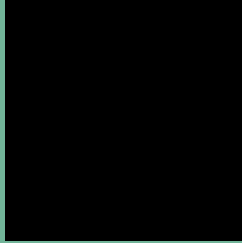
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 71B498 Background



This preview shows how black text looks on a background with the Hex color 71B498.

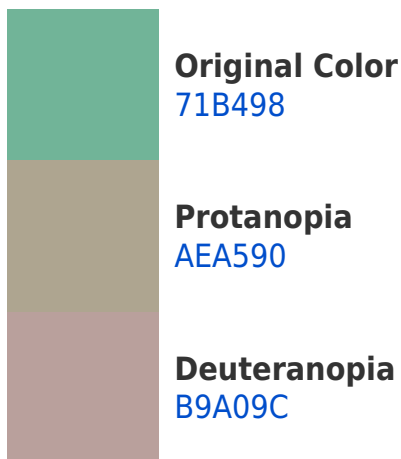


This preview shows how white text looks on a background with the Hex color 71B498.

# 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](#).

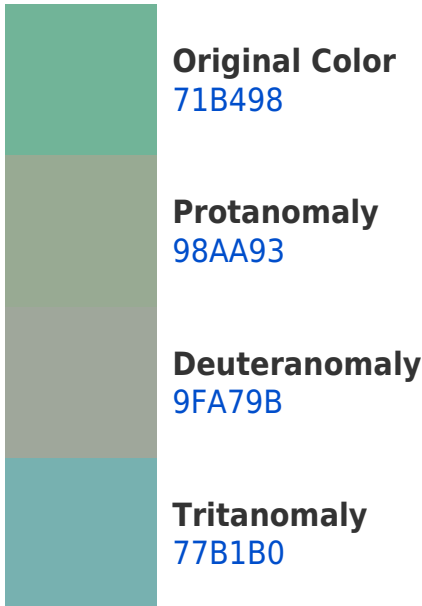
## Dichromacy



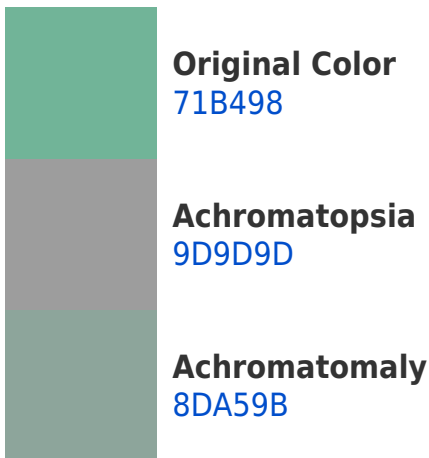


**Tritanopia**  
7AAFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71B498 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 #71B498 looks like.

```
.text, #text, p{  
    color:#71B498  
}
```

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 #71B498 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71B498
}
```

## Border

The CSS property to change the border of an element to Hex 71B498 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
#71B498 }
```

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

```
.border{ border-color:#71B498 }
```

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

Here you see how a box with a 4 pixel #71B498 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71B498; -webkit-box-shadow:4px 4px  
4px 4px #71B498; box-shadow:4px 4px 4px  
4px #71B498 }
```

# Background

The CSS property to change the background color of an element to Hex 71B498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71B498 }
```

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

```
.background{ background-color:#71B498 }
```

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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