

# Converting Colors

Hex(72B38F)

Have a look what the booklet for  
Hex(72B38F) contains.

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# Color

Hex(72B38F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	72B38F
RGB	114, 179, 143
RGB Percent	45%, 70%, 56%
CMY	0.5529, 0.2980, 0.4392
CMYK	0.36, 0.00, 0.20, 0.30
HSL	147°, 30%, 57%
HSV	147°, 36%, 70%
XYZ	28.0175, 37.8008, 31.8062
YIQ	155.4610, -27.1840, -24.9760

# Conversions

## Conversions Part 2

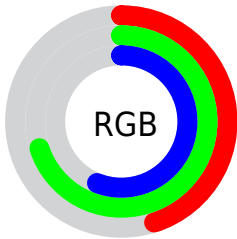
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 159, 179
Decimal	7517071
CIELab	67.87, -28.76, 11.91
CIElCh	68, 31.129, 157.512
Yxy	37.8008, 0.2870, 0.3872
Android (android.graphics.Color)	4285707151 (0xFF72B38F)
YUV	155.4610, -6.1433, -36.3613
Hunter-Lab	61.4823, -26.2518, 12.3656

# Details

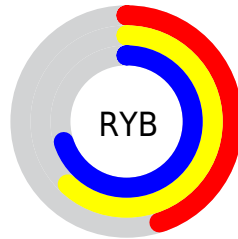
The Hex color **72B38F** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **B37296**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **A8EBC5**, and **3E7E5D** is the 20% darker color. If you saturate the color by 10%, you get **60B385**, and if you desaturate by 10%, it is **84B399**.

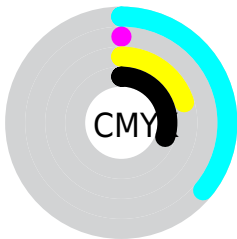
# Distribution



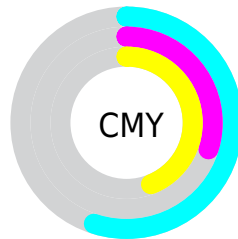
- Red (45%)
- Green (70%)
- Blue (56%)



- Red (45%)
- Yellow (62%)
- Blue (70%)



- Cyan (36%)
- Magenta (0%)
- Yellow (20%)
- Black (30%)



- Cyan (55%)
- Magenta (30%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72B38F 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 72B38F by changing the saturation by 10% instead.





72B38F



72B38F

FFFFFF



589875



A8EBC5



3E7E5D



C4FFE1



246545



E0FFFD



034C2F



FDFDFD



00351A



002100



000000



72B38F



72B38F



60B385



84B399

 4EB37B

 96B3A3

 3CB371

 A8B3AD

 2AB367

 BAB3B7

 19B35D

 CCB3C1

 07B354

 DDB3CA

 00B350

 EFB3D4

 FFB3DE

 FFB3E8

# Harmonies

## Analogous

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



93AE78



72B38F



53B5AC

# Triad

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



72B38F



8BA6DD



DA9485

# Complementary

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



72B38F



B37296

# 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.



DC909F



72B38F



B29CD2

# Square

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



72B38F



61AED9



CF93BB



CB9C72

# Rectangle

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



72B38F



47B4BE



CF93BB



DD928D



# Sweetspot

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



72B38F



CFE8DA



97B372



66756D



F5F5F5



757575



# Same Dimension

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



72B38F



82E8B0



72B3AF



505954



009944



001A0B



# Inverse Universe

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



B37296



E882BA



B37276



595055



990055



1A000E



# Previews

## White Background



This preview shows how the Hex color 72B38F looks on a white background.

## Color Contrast Check

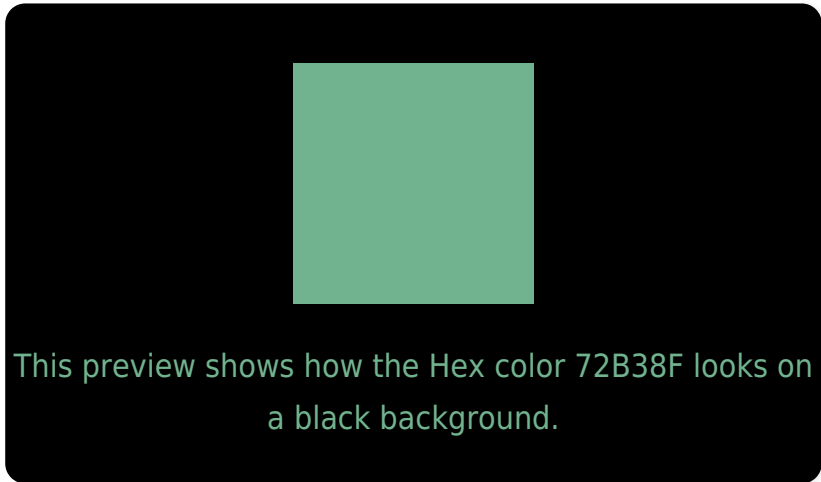
Large Text (above 18pt) WCAG AA × Fail

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

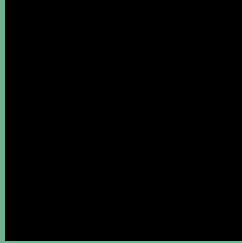
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 72B38F Background



This preview shows how black text looks on a background with the Hex color 72B38F.

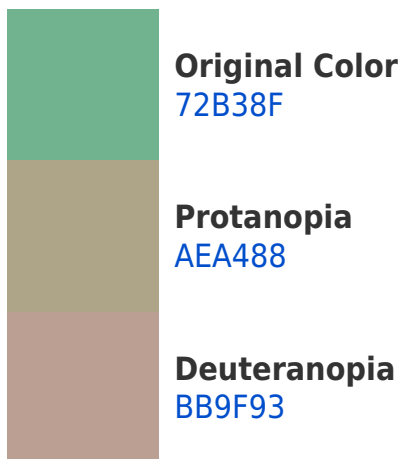


This preview shows how white text looks on a background with the Hex color 72B38F.

# Color Blindness Simulation

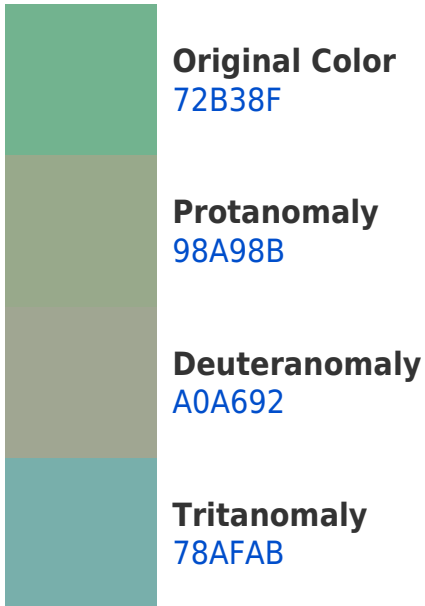
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

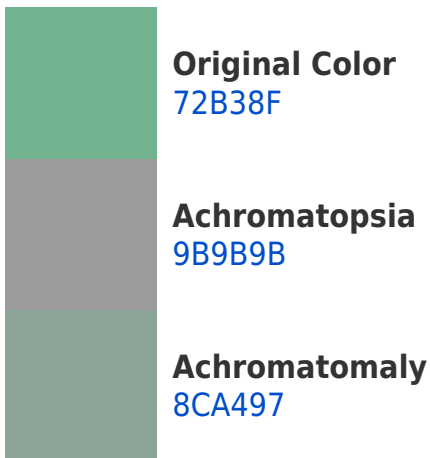




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72B38F 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 #72B38F looks like.

```
.text, #text, p{  
    color:#72B38F  
}
```

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 #72B38F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72B38F
}
```

## Border

The CSS property to change the border of an element to Hex 72B38F 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
#72B38F }
```

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

```
.border{ border-color:#72B38F }
```

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

Here you see how a box with a 4 pixel #72B38F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72B38F; -webkit-box-shadow:4px 4px  
4px 4px #72B38F; box-shadow:4px 4px 4px  
4px #72B38F }
```

# Background

The CSS property to change the background color of an element to Hex 72B38F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72B38F }
```

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

```
.background{ background-color:#72B38F }
```

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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