

# Converting Colors

Hex(72AB9B)

Have a look what the booklet for  
Hex(72AB9B) contains.

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**Color**

**Hex(72AB9B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72AB9B
RGB	114, 171, 155
RGB Percent	45%, 67%, 61%
CMY	0.5529, 0.3294, 0.3922
CMYK	0.33, 0.00, 0.09, 0.33
HSL	163°, 25%, 56%
HSV	163°, 33%, 67%
XYZ	27.4187, 35.0698, 36.3344
YIQ	152.1330, -28.8360, -17.0600

# Conversions

## Conversions Part 2

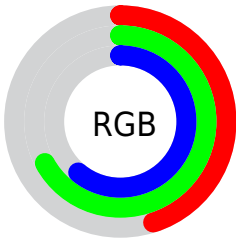
Format	Color
<a href="#">RYB</a>	<a href="#">114, 147, 171</a>
Decimal	<a href="#">7515035</a>
CIELab	<a href="#">65.80, -22.22, 2.32</a>
CIElCh	<a href="#">66, 22.345, 174.050</a>
Yxy	<a href="#">35.0698, 0.2775, 0.3549</a>
Android (android.graphics.Color)	<a href="#">4285705115 (0xFF72AB9B)</a>
YUV	<a href="#">152.1330, 1.4134, -33.4426</a>
Hunter-Lab	<a href="#">59.2197, -20.9891, 5.0763</a>

# Details

The Hex color **72AB9B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AB7282**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **A8E3D1**, and **3F7768** is the 20% darker color. If you saturate the color by 10%, you get **61AB96**, and if you desaturate by 10%, it is **83ABA0**.

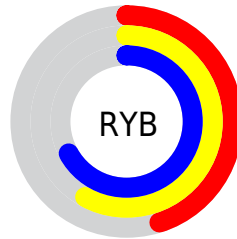
# Distribution



Red (45%)

Green (67%)

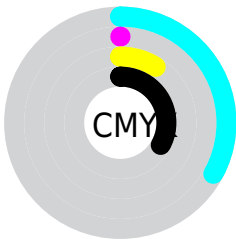
Blue (61%)



Red (45%)

Yellow (58%)

Blue (67%)

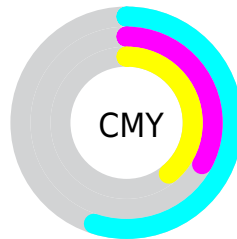


Cyan (33%)

Magenta (0%)

Yellow (9%)

Black (33%)



Cyan (55%)

Magenta (33%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72AB9B 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 72AB9B by changing the saturation by 10% instead.





72AB9B



72AB9B

FFFFFF



589081



A8E3D1



3F7768



C3FFEE



255E50



E0FFFF



074639



F0FFFF



002F24



001C0E



000000



72AB9B



72AB9B



61AB96



83ABA0

 50AB91

 94ABA5

 3FAB8D

 A5ABA9

 2EAB88

 B6ABAE

 1DAB83

 C7ABB3

 0BAB7E

 D9ABB8

 00AB7B

 EAABBD

 FBABC1

 FFABC6

# Harmonies

## Analogous

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



87A888



72AB9B



67ABAF

# Triad

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



72AB9B



9E9CC4



C29780

# Complementary

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



72AB9B



AB7282

# 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.



C99290



72AB9B



B696B8

# Square

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



72AB9B



82A3C7



C592A5



B39D78

# Rectangle

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



72AB9B



68A9BB



C592A5



C59585



# Sweetspot

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



72AB9B



C8DED8



82AB72



63706C



F0F0F0



707070



# Same Dimension

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



72AB9B



85DEC5



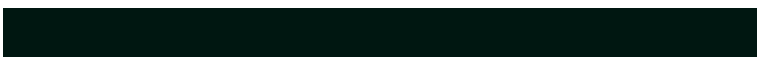
729FAB



4E5754



00966C



001711



# Inverse Universe

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



AB7282



DE859E



AB7E72



574E50



96002A

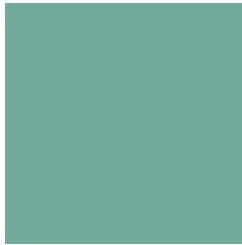


170006



# Previews

## White Background



This preview shows how the Hex color 72AB9B looks on a white background.

## Color Contrast Check

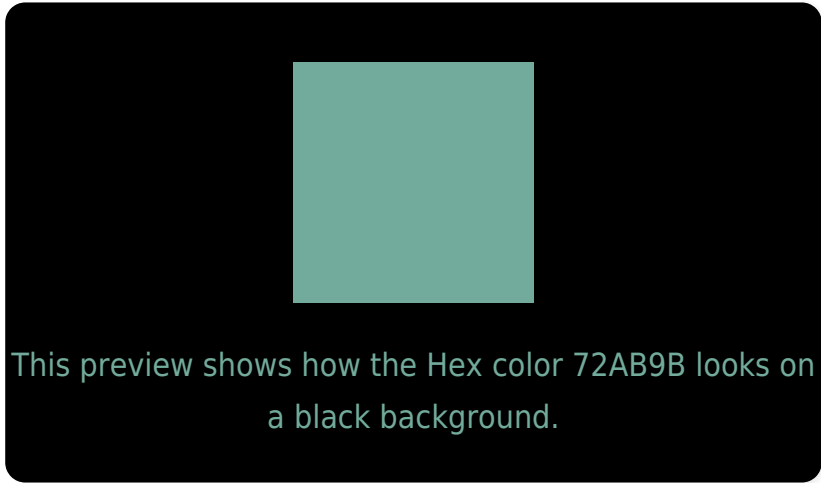
Large Text (above 18pt) WCAG AA × Fail

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

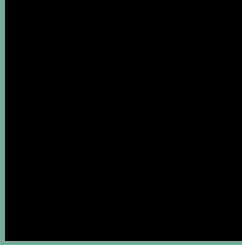
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 72AB9B Background



This preview shows how black text looks on a background with the Hex color 72AB9B.

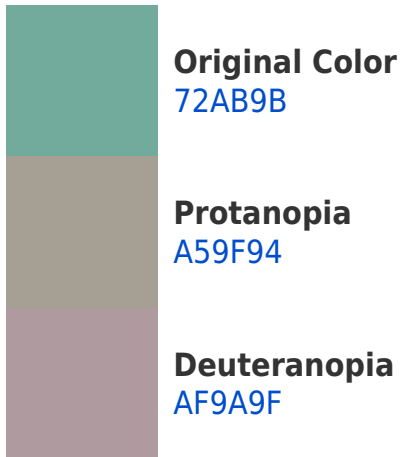


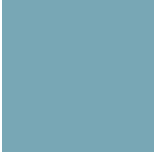
This preview shows how white text looks on a background with the Hex color 72AB9B.

# 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



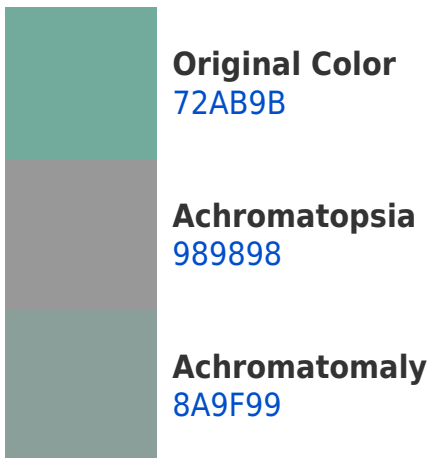


**Tritanopia**  
78A7B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72AB9B 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 #72AB9B looks like.

```
.text, #text, p{  
    color:#72AB9B  
}
```

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 #72AB9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72AB9B
}
```

## Border

The CSS property to change the border of an element to Hex 72AB9B 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
#72AB9B }
```

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

```
.border{ border-color:#72AB9B }
```

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

Here you see how a box with a 4 pixel #72AB9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72AB9B; -webkit-box-shadow:4px 4px  
4px 4px #72AB9B; box-shadow:4px 4px 4px  
4px #72AB9B }
```

# Background

The CSS property to change the background color of an element to Hex 72AB9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72AB9B }
```

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

```
.background{ background-color:#72AB9B }
```

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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