

Converting Colors

Hex(70AF9D)

Have a look what the booklet for
Hex(70AF9D) contains.

Hex(70AF9D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(70AF9D)

Conversions

Conversions Part 1

Format	Color
Hex	70AF9D
RGB	112, 175, 157
RGB Percent	44%, 69%, 62%
CMY	0.5608, 0.3137, 0.3843
CMYK	0.36, 0.00, 0.10, 0.31
HSL	163°, 28%, 56%
HSV	163°, 36%, 69%
XYZ	28.0979, 36.5390, 37.4701
YIQ	154.1110, -31.7700, -18.9540

Conversions

Conversions Part 2

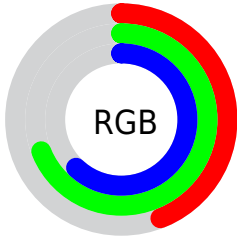
Format	Color
RYB	112, 149, 175
Decimal	7384989
CIELab	66.93, -24.38, 2.83
CIElCh	67, 24.539, 173.381
Yxy	36.5390, 0.2752, 0.3579
Android (android.graphics.Color)	4285575069 (0xFF70AF9D)
YUV	154.1110, 1.4243, -36.9313
Hunter-Lab	60.4475, -22.8108, 5.5607

Details

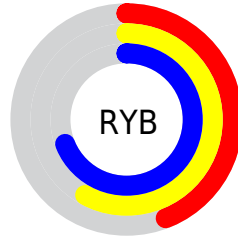
The Hex color **70AF9D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AF7082**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A6E7D4**, and **3C7A6A** is the 20% darker color. If you saturate the color by 10%, you get **5FAF98**, and if you desaturate by 10%, it is **82AFA2**.

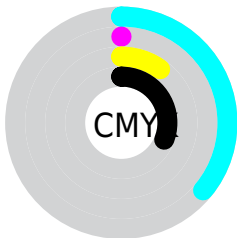
Distribution



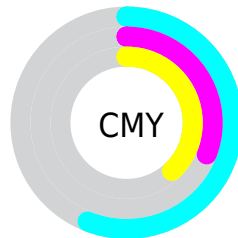
- Red (44%)
- Green (69%)
- Blue (62%)



- Red (44%)
- Yellow (58%)
- Blue (69%)



- Cyan (36%)
- Magenta (0%)
- Yellow (10%)
- Black (31%)



- Cyan (56%)
- Magenta (31%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70AF9D 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 70AF9D by changing the saturation by 10% instead.



70AF9D



70AF9D

FFFFFF



569483



A6E7D4



3C7A6A



C2FFF0



216152



DEFFFF



00493B



FBFFFF



003225



001F10



000000



70AF9D



70AF9D



5FAF98



82AFA2

 4DAF93

 93AFA7

 3BAF8E

 A4AFAC

 2AAF89

 B6AFB1

 19AF84

 C8AFB6

 07AF7F

 D9AFBB

 00AF7D

 EBAFC0

 FCAFC5

 FFAFCA

Harmonies

Analogous

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



88AC88



70AF9D



62AFB4

Triad

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



70AF9D



A09FCB



C89980

Complementary

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



70AF9D



AF7082

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.



D09492



70AF9D



BB98BD

Square

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



70AF9D



81A6CE



CB93A9



B8A077

Rectangle

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



70AF9D



64ADC0



CB93A9



CC9786

Sweetspot

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



70AF9D



CAE3DC



83AF70



64736E



F2F2F2



737373

Same Dimension

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



70AF9D



81E3C7



70A2AF



4E5754



00966B



001710

Inverse Universe

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



AF7082



E3819D



AF7D70



574E51



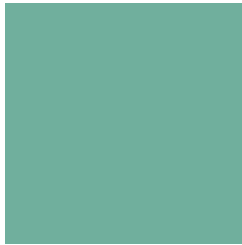
96002B



170007

Previews

White Background



This preview shows how the Hex color 70AF9D looks on a white background.

Color Contrast Check

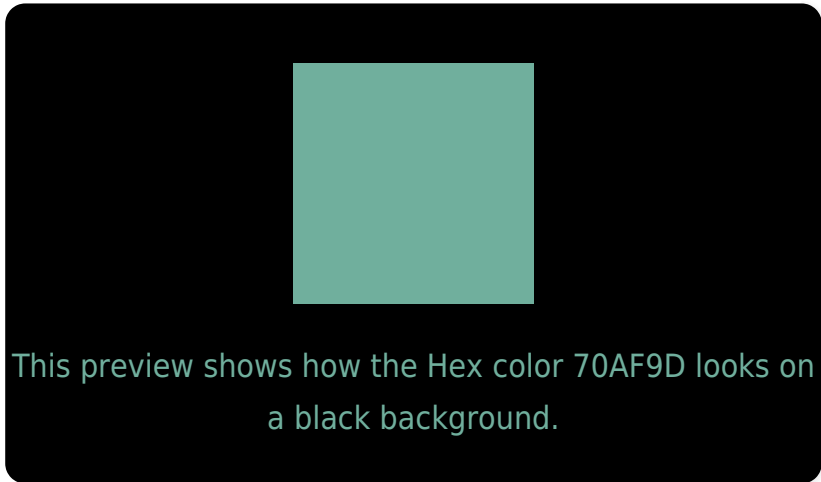
Large Text (above 18pt) WCAG AA × Fail

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

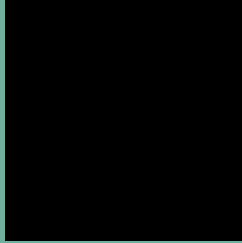
Any Text WCAG AA ✓ Pass

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 70AF9D Background



This preview shows how black text looks on a background with the Hex color 70AF9D.

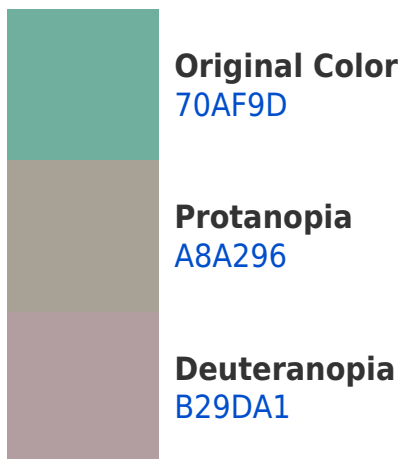


This preview shows how white text looks on a background with the Hex color 70AF9D.

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](#).

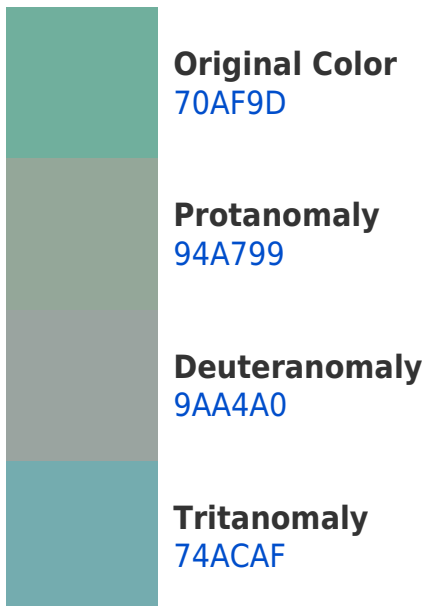
Dichromacy



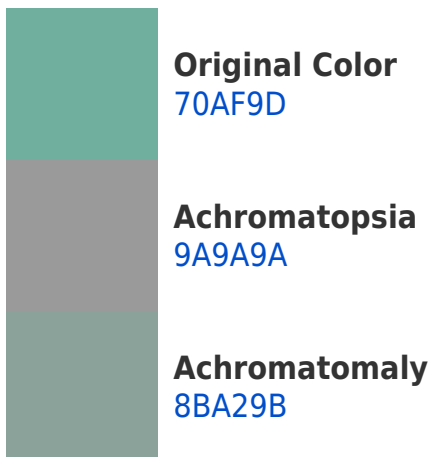


Tritanopia
77ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70AF9D 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 #70AF9D looks like.

```
.text, #text, p{  
    color:#70AF9D  
}
```

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 #70AF9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70AF9D
}
```

Border

The CSS property to change the border of an element to Hex 70AF9D 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
#70AF9D }
```

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

```
.border{ border-color:#70AF9D }
```

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

Here you see how a box with a 4 pixel #70AF9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70AF9D; -webkit-box-shadow:4px 4px  
4px 4px #70AF9D; box-shadow:4px 4px 4px  
4px #70AF9D }
```

Background

The CSS property to change the background color of an element to Hex 70AF9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70AF9D }
```

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

```
.background{ background-color:#70AF9D }
```

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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