

Converting Colors

Hex(71AA90)

Have a look what the booklet for
Hex(71AA90) contains.

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Color

Hex(71AA90)

Conversions

Conversions Part 1

Format	Color
Hex	71AA90
RGB	113, 170, 144
RGB Percent	44%, 67%, 56%
CMY	0.5569, 0.3333, 0.4353
CMYK	0.34, 0.00, 0.15, 0.33
HSL	153°, 25%, 55%
HSV	153°, 34%, 67%
XYZ	26.2188, 34.2738, 31.6192
YIQ	149.9930, -25.6260, -20.1700

Conversions

Conversions Part 2

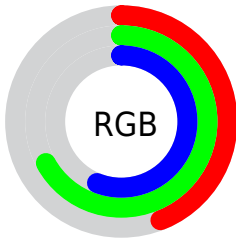
Format	Color
RYB	113, 150, 170
Decimal	7449232
CIELab	65.18, -24.43, 7.52
CIELCh	65, 25.560, 162.885
Yxy	34.2738, 0.2846, 0.3721
Android (android.graphics.Color)	4285639312 (0xFF71AA90)
YUV	149.9930, -2.9545, -32.4429
Hunter-Lab	58.5438, -22.5105, 8.9585

Details

The Hex color **71AA90** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AA718B**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **A6E2C6**, and **3E765E** is the 20% darker color. If you saturate the color by 10%, you get **60AA88**, and if you desaturate by 10%, it is **82AA98**.

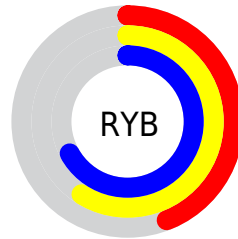
Distribution



Red (44%)

Green (67%)

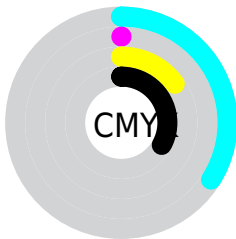
Blue (56%)



Red (44%)

Yellow (59%)

Blue (67%)

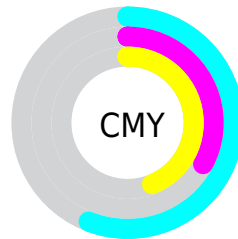


Cyan (34%)

Magenta (0%)

Yellow (15%)

Black (33%)



Cyan (56%)

Magenta (33%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71AA90 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 71AA90 by changing the saturation by 10% instead.



71AA90



71AA90

FFFFFF



578F76



A6E2C6



3E765E



C2FEE2



255D46



DFFFFE



074530



FCFEFC



002E1B



001B00



000000



71AA90



71AA90



60AA88



82AA98

■ 4FAA80

■ 93AAA0

■ 3EAA79

■ A4AAA7

■ 2DAA71

■ B5AAAF

■ 1CAA69

■ C6AAB7

■ 0BAA61

■ D7AABF

■ 00AA5C

■ E8AAC6

■ F9AACE

■ FFAAD6

Harmonies

Analogous

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



8BA67C



71AA90



5DABA8

Triad

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



71AA90



909DCB



C99180

Complementary

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



71AA90



AA718B

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.



CC8E95



71AA90



AE95C0

Square

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



71AA90



70A4C9



C38FAC



BA9873

Rectangle

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



71AA90



59AAB6



C38FAC



CB9086

Sweetspot

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



71AA90



C8DED4



8CAA71



63706A



F0F0F0



707070

Same Dimension

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



71AA90



85DEB5



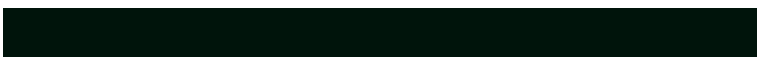
71A8AA



4C5450



009450



00140B

Inverse Universe

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



AA718B



DE85AE



AA7371



544C50



940043



140009

Previews

White Background



This preview shows how the Hex color 71AA90 looks on a white background.

Color Contrast Check

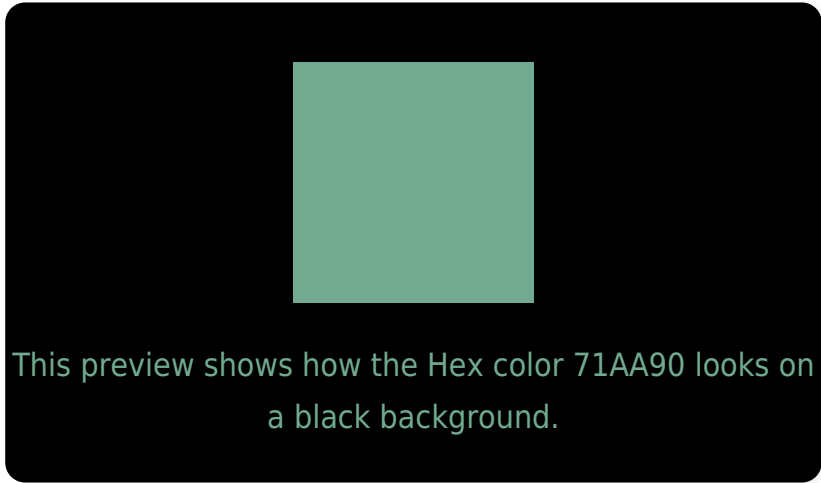
Large Text (above 18pt) WCAG AA × Fail

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

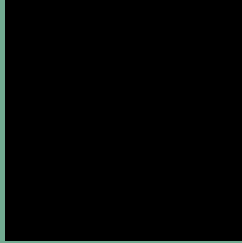
Any Text WCAG AA ✓ Pass

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 71AA90 Background



This preview shows how black text looks on a background with the Hex color 71AA90.

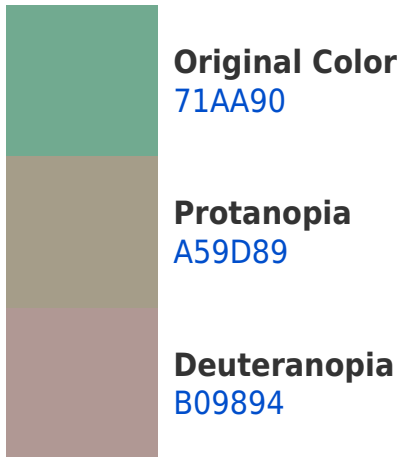


This preview shows how white text looks on a background with the Hex color 71AA90.

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](#).

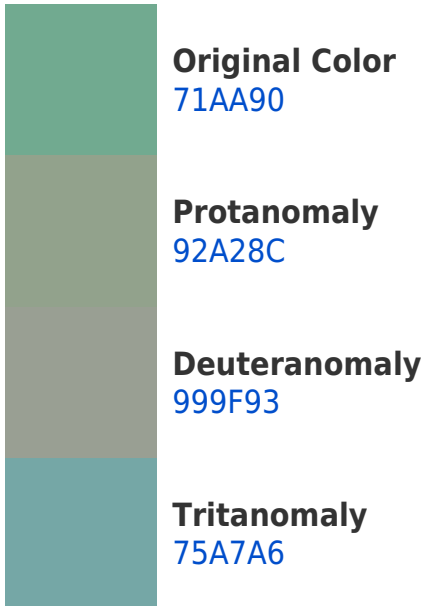
Dichromacy



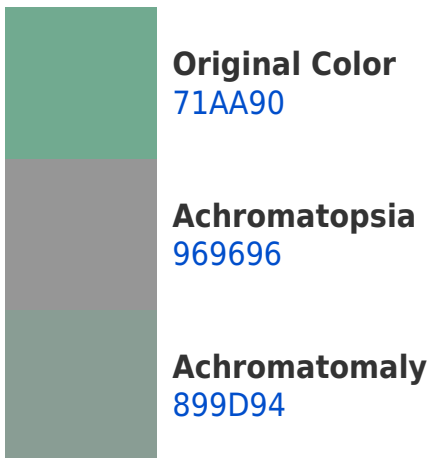


Tritanopia
78A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71AA90 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 #71AA90 looks like.

```
.text, #text, p{  
    color:#71AA90  
}
```

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 #71AA90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71AA90
}
```

Border

The CSS property to change the border of an element to Hex 71AA90 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
#71AA90 }
```

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

```
.border{ border-color:#71AA90 }
```

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

Here you see how a box with a 4 pixel #71AA90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71AA90; -webkit-box-shadow:4px 4px  
4px 4px #71AA90; box-shadow:4px 4px 4px  
4px #71AA90 }
```

Background

The CSS property to change the background color of an element to Hex 71AA90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71AA90 }
```

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

```
.background{ background-color:#71AA90 }
```

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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