

# Converting Colors

Hex(71A496)

Have a look what the booklet for  
Hex(71A496) contains.

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# **Color**

**Hex(71A496)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71A496
RGB	113, 164, 150
RGB Percent	44%, 64%, 59%
CMY	0.5569, 0.3569, 0.4118
CMYK	0.31, 0.00, 0.09, 0.36
HSL	164°, 22%, 54%
HSV	164°, 31%, 64%
XYZ	25.5905, 32.2636, 33.7329
YIQ	147.1550, -25.9020, -15.1660

# Conversions

## Conversions Part 2

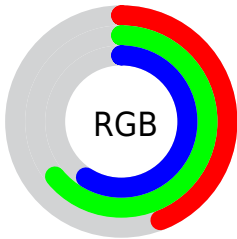
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 143, 164
Decimal	7447702
CIELab	63.56, -20.07, 1.84
CIELCh	64, 20.154, 174.754
Yxy	32.2636, 0.2794, 0.3523
Android (android.graphics.Color)	4285637782 (0xFF71A496)
YUV	147.1550, 1.4026, -29.9539
Hunter-Lab	56.8011, -18.9825, 4.5498

# Details

The Hex color **71A496** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A4717F**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **A6DBCC**, and **3E7063** is the 20% darker color. If you saturate the color by 10%, you get **61A491**, and if you desaturate by 10%, it is **81A49B**.

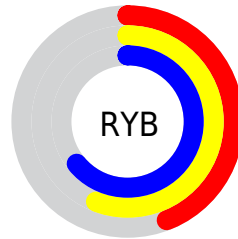
# Distribution



Red (44%)

Green (64%)

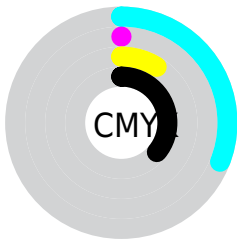
Blue (59%)



Red (44%)

Yellow (56%)

Blue (64%)

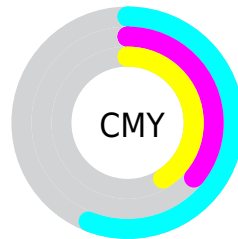


Cyan (31%)

Magenta (0%)

Yellow (9%)

Black (36%)



Cyan (56%)

Magenta (36%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71A496 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 71A496 by changing the saturation by 10% instead.



 71A496

 71A496

FFFFFF

 578A7C

 A6DBCC

 3E7063

 C2F8E8

 26574B

 DEFFFF

 0A4035

 FBFFFF

 002920

 001508

 000000

 71A496

 71A496

 61A491

 81A49B

■ 50A48D

■ 92A49F

■ 40A488

■ A2A4A4

■ 2FA484

■ B3A4A8

■ 1FA47F

■ C3A4AD

■ 0FA47B

■ D3A4B1

■ 00A477

■ E4A4B6

■ F4A4BA

■ FFA4BF

# Harmonies

## Analogous

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



83A285



71A496



68A4A8

# Triad

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



71A496



9996BA



B9927D

# Complementary

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



71A496



A4717F

# 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.



BF8E8C



71A496



AE91AF

# Square

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



71A496



819DBD



BC8D9E



AB9876

# Rectangle

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



71A496



6AA2B3



BC8D9E



BC9081



# Sweetspot

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



71A496



C3D6D1



7FA471



5F6B68



EBEBEB



6B6B6B



# Same Dimension

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



71A496



87D6C0



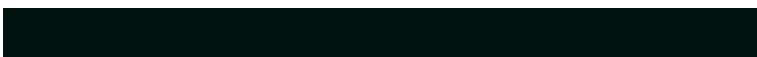
7199A4



49524F



009169



00120D



# Inverse Universe

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



A4717F



D6879D



A47C71



52494C



910028



120005



# Previews

## White Background



This preview shows how the Hex color 71A496 looks on a white background.

## Color Contrast Check

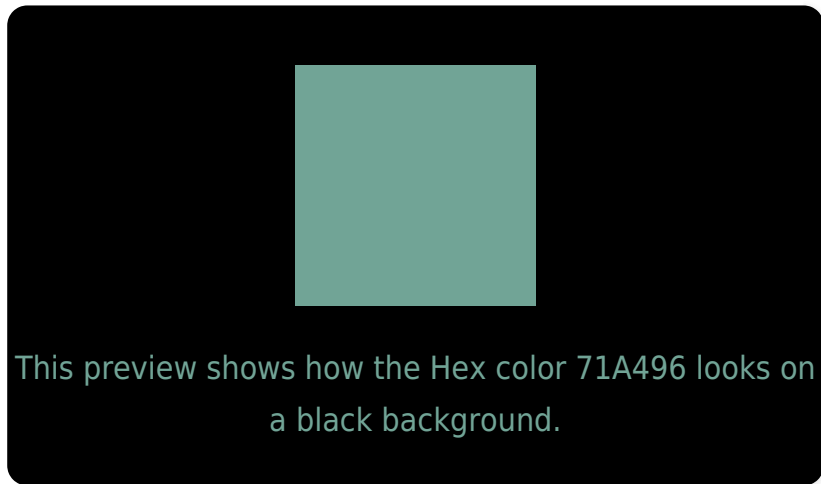
Large Text (above 18pt) WCAG AA × Fail

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

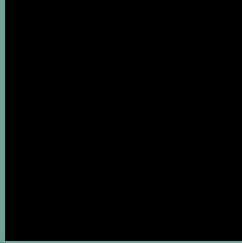
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 71A496 Background



This preview shows how black text looks on a background with the Hex color 71A496.

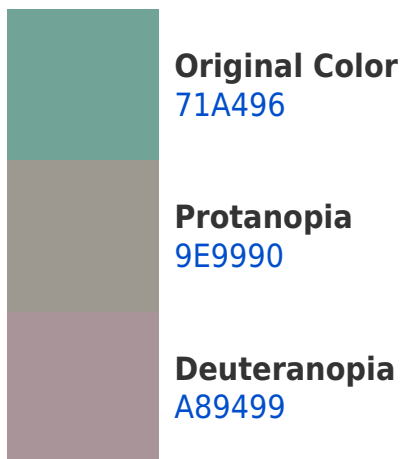


This preview shows how white text looks on a background with the Hex color 71A496.

# 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](#).

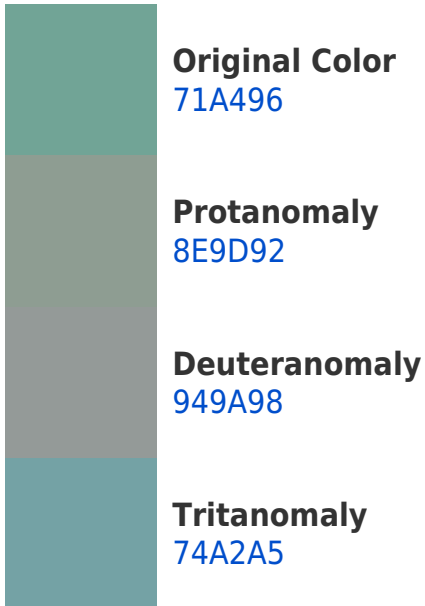
## Dichromacy





**Tritanopia**  
76A1AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71A496 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 #71A496 looks like.

```
.text, #text, p{  
    color:#71A496  
}
```

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 #71A496 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71A496
}
```

## Border

The CSS property to change the border of an element to Hex 71A496 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
#71A496 }
```

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

```
.border{ border-color:#71A496 }
```

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

Here you see how a box with a 4 pixel #71A496 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71A496; -webkit-box-shadow:4px 4px  
4px 4px #71A496; box-shadow:4px 4px 4px  
4px #71A496 }
```

# Background

The CSS property to change the background color of an element to Hex 71A496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71A496 }
```

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

```
.background{ background-color:#71A496 }
```

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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