

# Converting Colors

Hex(71A791)

Have a look what the booklet for  
Hex(71A791) contains.

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# **Color**

**Hex(71A791)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71A791
RGB	113, 167, 145
RGB Percent	44%, 65%, 57%
CMY	0.5569, 0.3451, 0.4314
CMYK	0.32, 0.00, 0.13, 0.35
HSL	156°, 23%, 55%
HSV	156°, 32%, 65%
XYZ	25.7396, 33.1925, 31.8382
YIQ	148.3460, -25.1220, -18.2900

# Conversions

## Conversions Part 2

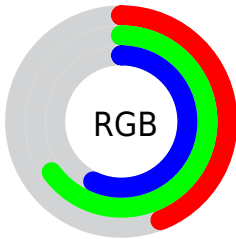
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 147, 167
Decimal	7448465
CIELab	64.32, -22.70, 5.73
CIELCh	64, 23.416, 165.837
Yxy	33.1925, 0.2836, 0.3657
Android (android.graphics.Color)	4285638545 (0xFF71A791)
YUV	148.3460, -1.6496, -30.9984
Hunter-Lab	57.6129, -21.0745, 7.5640

# Details

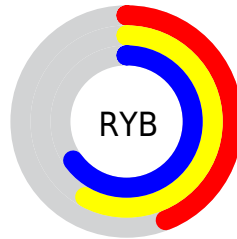
The Hex color **71A791** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A77187**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **A6DEC7**, and **3E735F** is the 20% darker color. If you saturate the color by 10%, you get **60A78A**, and if you desaturate by 10%, it is **82A798**.

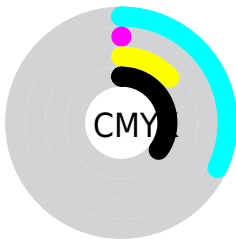
# Distribution



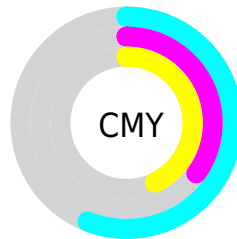
- Red (44%)
- Green (65%)
- Blue (57%)



- Red (44%)
- Yellow (58%)
- Blue (65%)



- Cyan (32%)
- Magenta (0%)
- Yellow (13%)
- Black (35%)



- Cyan (56%)
- Magenta (35%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71A791 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 71A791 by changing the saturation by 10% instead.





71A791



71A791

FFFFFF



578C77



A6DEC7



3E735F



C2FBE3



255A47



DEFFFF



094231



FBFFFF



002C1C



001801



000000



71A791



71A791



60A78A



82A798

 50A783

 92A79F

 3FA77D

 A3A7A5

 2EA776

 B4A7AC

 1DA76F

 C4A7B3

 0DA768

 D5A7BA

 00A763

 E6A7C1

 F7A7C7

 FFA7CE

# Harmonies

## Analogous

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



88A47E



71A791



61A8A7

# Triad

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



71A791



929AC4



C2917F

# Complementary

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



71A791



A77187

# 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.



C78D91



71A791



AD93B9

# Square

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



71A791



75A1C4



BF8EA7



B49774

# Rectangle

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



71A791



5FA7B4



BF8EA7



C58F84



# Sweetspot

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



71A791



C3D9D0



87A771



606E68



EDEDED



6E6E6E



# Same Dimension

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



71A791



84D9B6



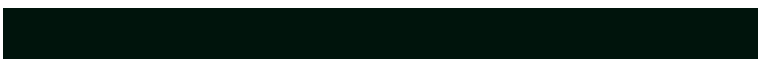
71A3A7



4C5451



009458



00140C



# Inverse Universe

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



A77187



D984A7



A77571



544C4F



94003C



140008



# Previews

## White Background



This preview shows how the Hex color 71A791 looks on a white background.

## Color Contrast Check

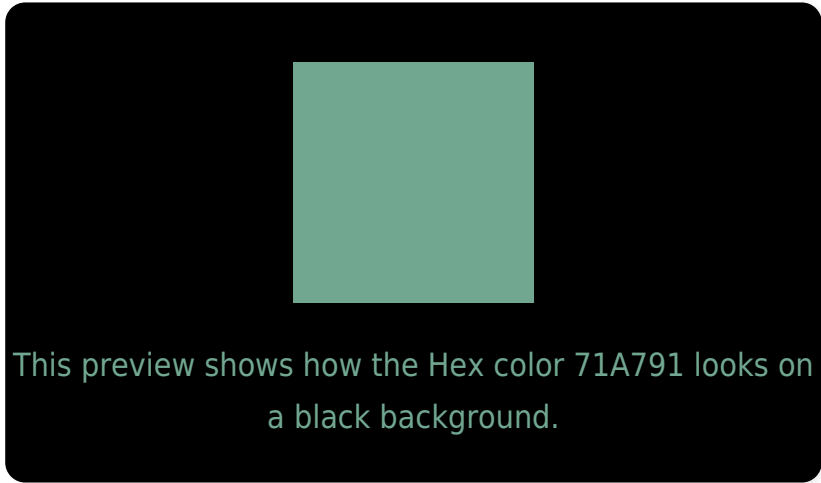
Large Text (above 18pt) WCAG AA × Fail

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

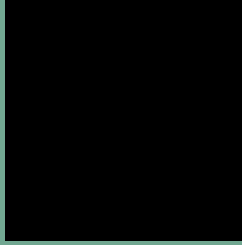
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 71A791 Background



This preview shows how black text looks on a background with the Hex color 71A791.

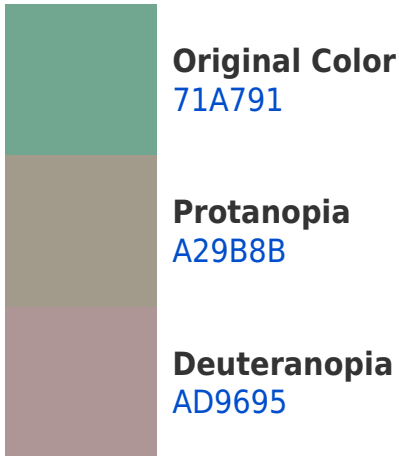


This preview shows how white text looks on a background with the Hex color 71A791.

# 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



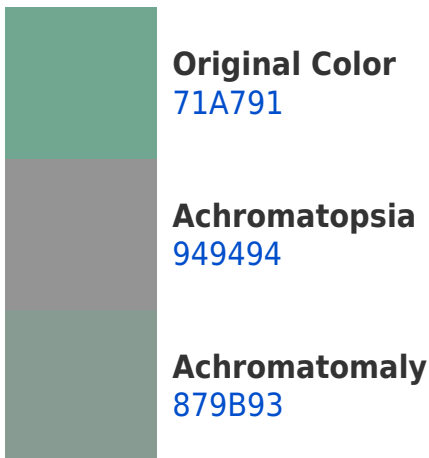


**Tritanopia**  
78A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71A791 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 #71A791 looks like.

```
.text, #text, p{  
    color:#71A791  
}
```

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 #71A791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71A791
}
```

## Border

The CSS property to change the border of an element to Hex 71A791 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
#71A791 }
```

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

```
.border{ border-color:#71A791 }
```

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

Here you see how a box with a 4 pixel #71A791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71A791; -webkit-box-shadow:4px 4px  
4px 4px #71A791; box-shadow:4px 4px 4px  
4px #71A791 }
```

# Background

The CSS property to change the background color of an element to Hex 71A791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71A791 }
```

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

```
.background{ background-color:#71A791 }
```

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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