

# Converting Colors

Hex(71AF89)

Have a look what the booklet for  
Hex(71AF89) contains.

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# **Color**

**Hex(71AF89)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71AF89
RGB	113, 175, 137
RGB Percent	44%, 69%, 54%
CMY	0.5569, 0.3137, 0.4627
CMYK	0.35, 0.00, 0.22, 0.31
HSL	143°, 28%, 56%
HSV	143°, 35%, 69%
XYZ	26.6554, 35.9768, 29.2062
YIQ	152.1300, -24.7540, -24.9620

# Conversions

## Conversions Part 2

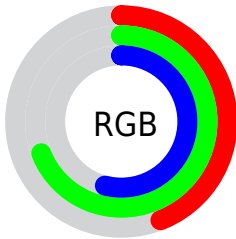
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 158, 175
Decimal	7450505
CIELab	66.50, -28.33, 13.26
CIELCh	67, 31.283, 154.918
Yxy	35.9768, 0.2902, 0.3917
Android (android.graphics.Color)	4285640585 (0xFF71AF89)
YUV	152.1300, -7.4591, -34.3170
Hunter-Lab	59.9807, -25.6408, 13.1165

# Details

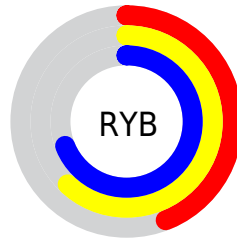
The Hex color **71AF89** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AF7197**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **A7E7BE**, and **3E7A57** is the 20% darker color. If you saturate the color by 10%, you get **60AF7E**, and if you desaturate by 10%, it is **83AF94**.

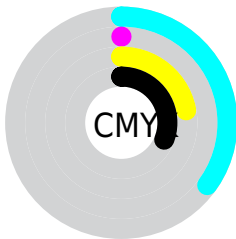
# Distribution



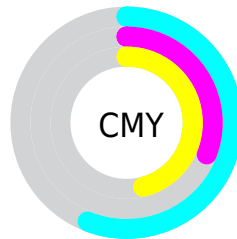
- Red (44%)
- Green (69%)
- Blue (54%)



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



- Cyan (35%)
- Magenta (0%)
- Yellow (22%)
- Black (31%)



- Cyan (56%)
- Magenta (31%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71AF89 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 71AF89 by changing the saturation by 10% instead.





71AF89



71AF89

FFFFFF



579470



A7E7BE



3E7A57



C3FFDA



246140



DFFFF7



044929



FCF7FF



003215



001F00



000000



71AF89



71AF89



60AF7E



83AF94

 4EAF74

 94AF9E

 3CAF69

 A6AFA9

 2BAF5E

 B7AFB4

 19AF53

 C9AFBF

 08AF49

 DAAFC9

 00AF44

 EBAFD4

 FDAFDF

 FFAFEA

# Harmonies

## Analogous

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



92AA73



71AF89



51B1A6

# Triad

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



71AF89



83A3D9



D79083

# Complementary

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



71AF89



AF7197

# 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.



D88C9E



71AF89



AB99D0

# Square

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



71AF89



59ABD4



C990BA



C99870

# Rectangle

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



71AF89



43B1B8



C990BA



D98E8B



# Sweetspot

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



71AF89



CAE3D4



97AF71



64736A



F2F2F2



737373



# Same Dimension

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



71AF89



81E3A7



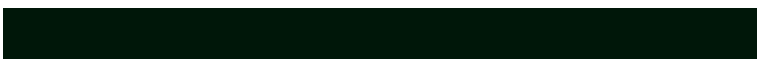
71AFA8



4E5751



00963A



001709



# Inverse Universe

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



AF7197



E381BD



AF7178



574E53



96005C



17000E



# Previews

## White Background



This preview shows how the Hex color 71AF89 looks on a white background.

## Color Contrast Check

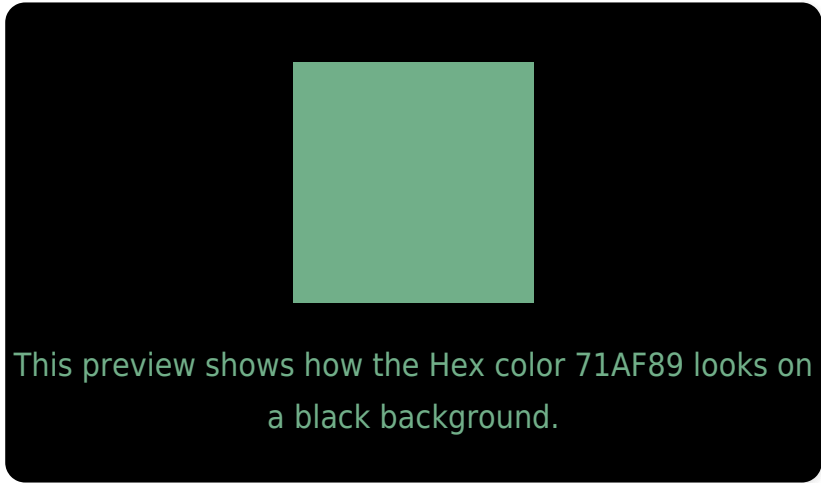
Large Text (above 18pt) WCAG AA × Fail

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

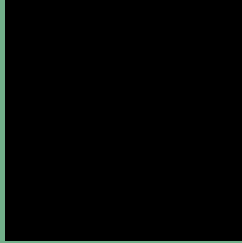
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 71AF89 Background



This preview shows how black text looks on a background with the Hex color 71AF89.

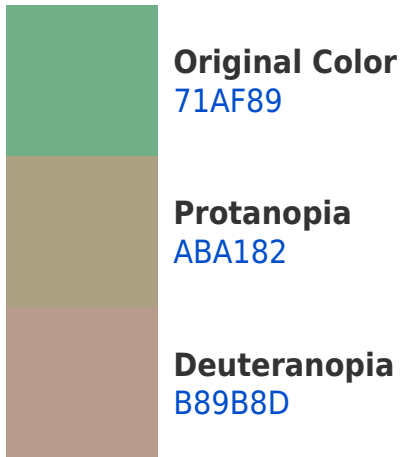


This preview shows how white text looks on a background with the Hex color 71AF89.

# 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](#).

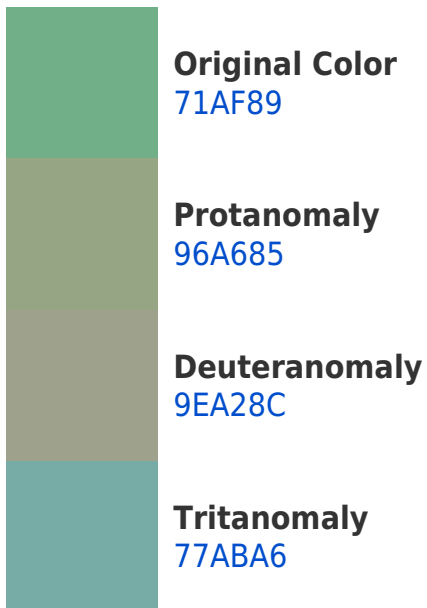
## Dichromacy



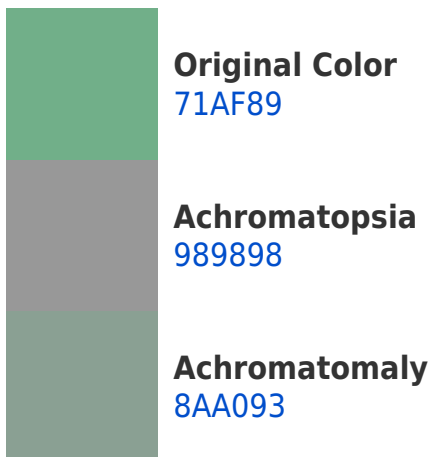


**Tritanopia**  
7BA9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71AF89 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 #71AF89 looks like.

```
.text, #text, p{  
    color:#71AF89  
}
```

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 #71AF89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71AF89
}
```

## Border

The CSS property to change the border of an element to Hex 71AF89 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
#71AF89 }
```

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

```
.border{ border-color:#71AF89 }
```

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

Here you see how a box with a 4 pixel #71AF89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71AF89; -webkit-box-shadow:4px 4px  
4px 4px #71AF89; box-shadow:4px 4px 4px  
4px #71AF89 }
```

# Background

The CSS property to change the background color of an element to Hex 71AF89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71AF89 }
```

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

```
.background{ background-color:#71AF89 }
```

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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