

# Converting Colors

Hex(73AA79)

Have a look what the booklet for  
Hex(73AA79) contains.

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**Color**

**Hex(73AA79)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73AA79
RGB	115, 170, 121
RGB Percent	45%, 67%, 47%
CMY	0.5490, 0.3333, 0.5255
CMYK	0.32, 0.00, 0.29, 0.33
HSL	127°, 24%, 56%
HSV	127°, 32%, 67%
XYZ	24.8961, 33.7748, 23.2962
YIQ	147.9690, -17.0510, -26.8990

# Conversions

## Conversions Part 2

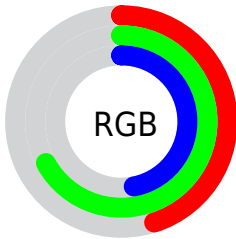
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 165, 170
Decimal	7580281
CIELab	64.78, -28.29, 19.66
CIElCh	65, 34.451, 145.200
Yxy	33.7748, 0.3037, 0.4121
Android (android.graphics.Color)	4285770361 (0xFF73AA79)
YUV	147.9690, -13.2957, -28.9138
Hunter-Lab	58.1161, -25.2361, 16.9145

# Details

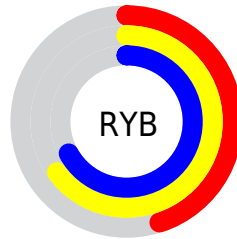
The Hex color **73AA79** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AA73A4**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **A8E2AE**, and **407548** is the 20% darker color. If you saturate the color by 10%, you get **62AA6A**, and if you desaturate by 10%, it is **84AA88**.

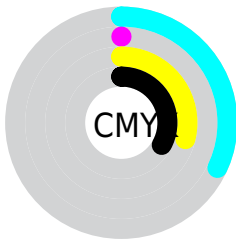
# Distribution



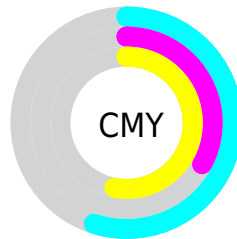
- Red (45%)
- Green (67%)
- Blue (47%)



- Red (45%)
- Yellow (65%)
- Blue (67%)



- Cyan (32%)
- Magenta (0%)
- Yellow (29%)
- Black (33%)



- Cyan (55%)
- Magenta (33%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73AA79 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 73AA79 by changing the saturation by 10% instead.





73AA79



73AA79

FFFFFF



598F60



A8E2AE



407548



C4FEC9



275C31



E1FFE5



0B441B

FEFFFF



002E03



001900



000000



73AA79



73AA79



62AA6A



84AA88

 51AA5B

 95AA97

 40AA4C

 A6AAA6

 2FAA3C

 B7AAB6

 1EAA2D

 C8AAC5

 0DAA1E

 D9AAD4

 00AA13

 EAAAE3

 FBAAF2

 FFAAFF

# Harmonies

## Analogous

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



97A364



73AA79



4BAD97

# Triad

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



73AA79



69A2DA



D98784

# Complementary

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



73AA79



AA73A4

# 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.



D586A3



73AA79



9A97D5

# Square

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



73AA79



35A9CF



BF8CC1



CE8F6C

# Rectangle

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



73AA79



30AEAC



BF8CC1



DA868E



# Sweetspot

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



73AA79



C8DECA



A4AA73



637064



F0F0F0



707070



# Same Dimension

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



73AA79



87DE91



73AA94



4C544D



009410



001402



# Inverse Universe

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



AA73A4



DE87D4



AA7389



544C53



940084



140012



# Previews

## White Background



This preview shows how the Hex color 73AA79 looks on a white background.

## Color Contrast Check

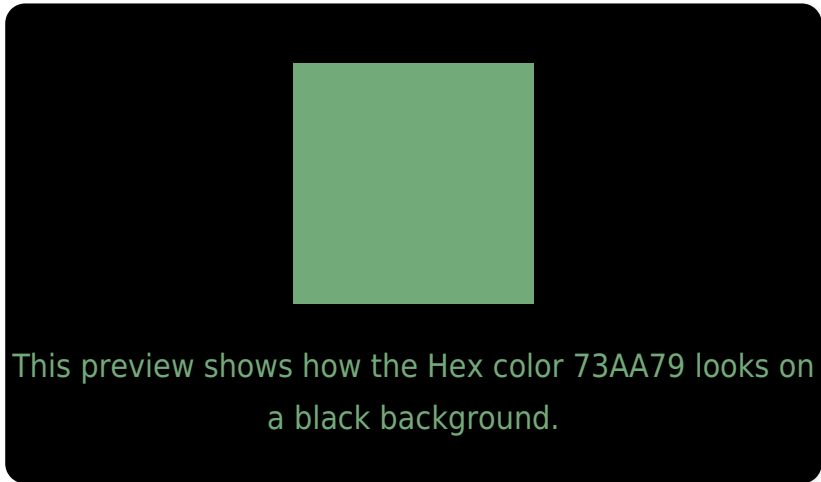
Large Text (above 18pt) WCAG AA × Fail

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

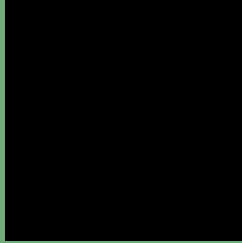
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 73AA79 Background



This preview shows how black text looks on a background with the Hex color 73AA79.

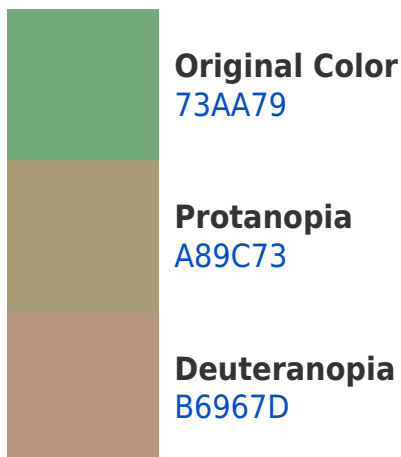


This preview shows how white text looks on a background with the Hex color 73AA79.

# 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](#).

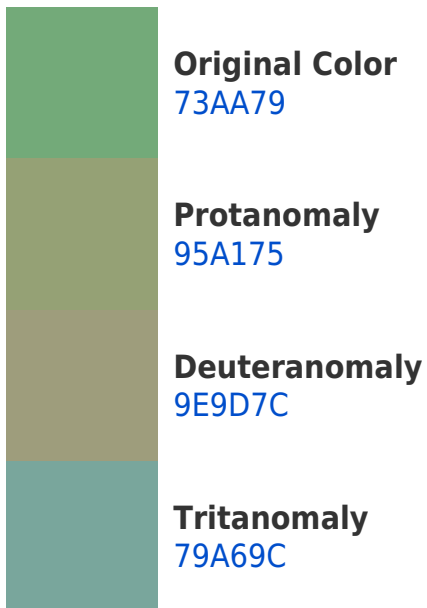
## Dichromacy



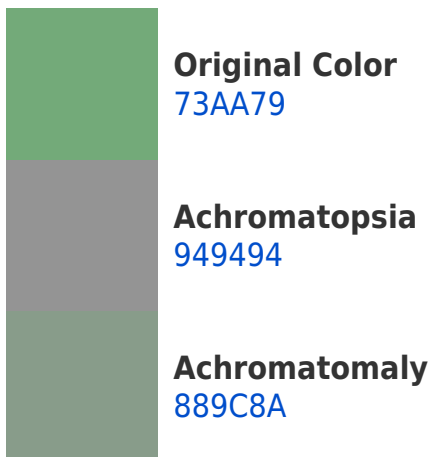


**Tritanopia**  
7DA3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73AA79 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 #73AA79 looks like.

```
.text, #text, p{  
    color:#73AA79  
}
```

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 #73AA79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73AA79
}
```

## Border

The CSS property to change the border of an element to Hex 73AA79 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
#73AA79 }
```

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

```
.border{ border-color:#73AA79 }
```

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

Here you see how a box with a 4 pixel #73AA79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73AA79; -webkit-box-shadow:4px 4px  
4px 4px #73AA79; box-shadow:4px 4px 4px  
4px #73AA79 }
```

# Background

The CSS property to change the background color of an element to Hex 73AA79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73AA79 }
```

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

```
.background{ background-color:#73AA79 }
```

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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