

# Converting Colors

Hex(7AA292)

Have a look what the booklet for  
Hex(7AA292) contains.

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# **Color**

**Hex(7AA292)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AA292
RGB	122, 162, 146
RGB Percent	48%, 64%, 57%
CMY	0.5216, 0.3647, 0.4275
CMYK	0.25, 0.00, 0.10, 0.36
HSL	156°, 18%, 56%
HSV	156°, 25%, 64%
XYZ	26.1347, 32.0536, 32.0036
YIQ	148.2160, -18.7040, -13.4560

# Conversions

## Conversions Part 2

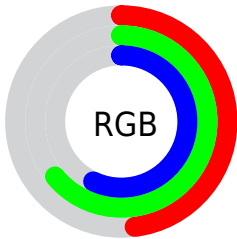
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">122, 147, 162</a>
Decimal	<a href="#">8037010</a>
CIELab	<a href="#">63.39, -17.05, 3.90</a>
CIElCh	<a href="#">63, 17.491, 167.125</a>
Yxy	<a href="#">32.0536, 0.2898, 0.3554</a>
Android (android.graphics.Color)	<a href="#">4286227090 (0xFF7AA292)</a>
YUV	<a href="#">148.2160, -1.0925, -22.9914</a>
Hunter-Lab	<a href="#">56.6159, -16.6797, 6.1158</a>

# Details

The Hex color **7AA292** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A27A8A**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **AFD9C8**, and **486E60** is the 20% darker color. If you saturate the color by 10%, you get **6AA28C**, and if you desaturate by 10%, it is **8AA298**.

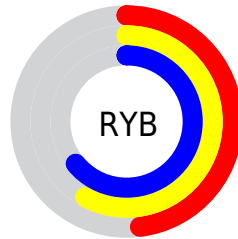
# Distribution



Red (48%)

Green (64%)

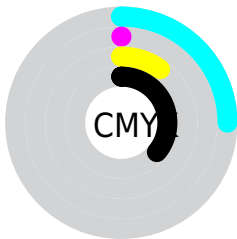
Blue (57%)



Red (48%)

Yellow (58%)

Blue (64%)

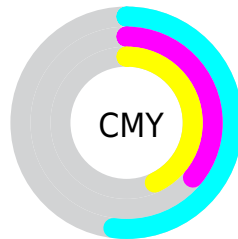


Cyan (25%)

Magenta (0%)

Yellow (10%)

Black (36%)



Cyan (52%)

Magenta (36%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AA292 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 7AA292 by changing the saturation by 10% instead.





7AA292



7AA292

FFFFFF



618878



AFD9C8



486E60



CBF5E4



305648



E7FFFF



193E31



02281D



001402



000000



7AA292



7AA292



6AA28C



8AA298

■ 5AA285

■ 9AA29F

■ 49A27F

■ ABA2A5

■ 39A278

■ BBA2AC

■ 29A272

■ CBA2B2

■ 19A26B

■ DBA2B9

■ 09A265

■ EBA2BF

■ 00A261

■ FCA2C6

■ FFA2CC

# Harmonies

## Analogous

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



8A9F84



7AA292



70A2A2

# Triad

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



7AA292



9398B7



B79183

# Complementary

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



7AA292



A27A8A

# 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.



BA8F91



7AA292



A793AF

# Square

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



7AA292



7F9DB7



B58FA1



AC967B

# Rectangle

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



7AA292



70A1AC



B58FA1



B99087



# Sweetspot

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



7AA292



C5D4CE



8AA27A



636B68



EBEBEB



6B6B6B



# Same Dimension

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



7AA292



94D4BA



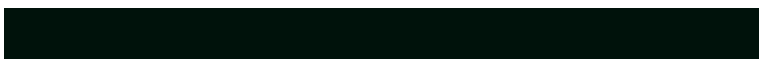
7A9FA2



49524E



009157



00120B



# Inverse Universe

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



A27A8A



D494AE



A27E7A



52494D



91003A



120007



# Previews

## White Background



This preview shows how the Hex color 7AA292 looks on a white background.

## Color Contrast Check

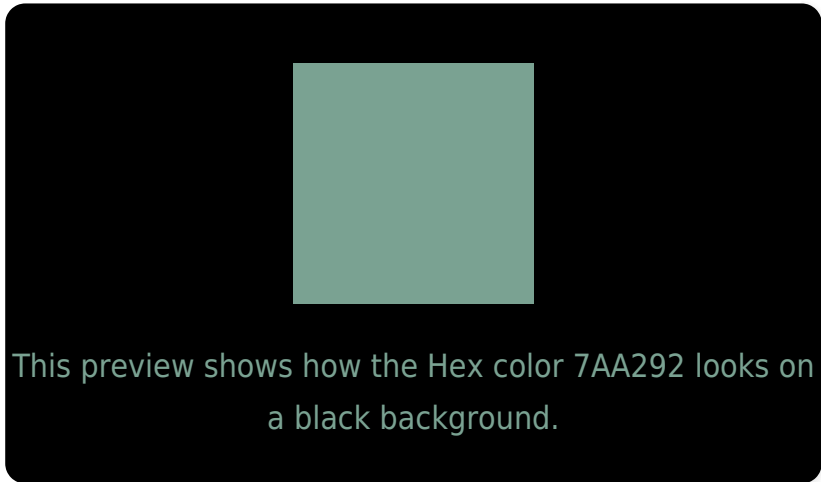
Large Text (above 18pt) WCAG AA × Fail

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

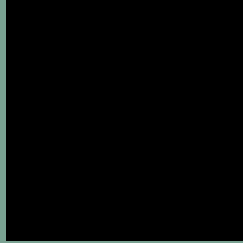
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

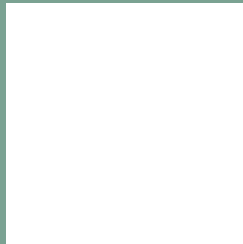
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7AA292 Background



This preview shows how black text looks on a background with the Hex color 7AA292.

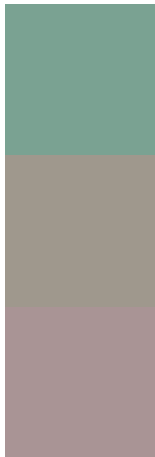


This preview shows how white text looks on a background with the Hex color 7AA292.

# 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



**Original Color**  
7AA292

**Protanopia**  
9F988D

**Deuteranopia**  
A99495



**Tritanopia**  
7F9EAB

# Trichromacy



**Original Color**  
7AA292

**Protanomaly**  
929C8F

**Deuteranomaly**  
989994

**Tritanomaly**  
7D9FA2

# Monochromacy



**Original Color**  
7AA292

**Achromatopsia**  
949494

**Achromatomaly**  
8B9993

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AA292 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 #7AA292 looks like.

```
.text, #text, p{  
    color:#7AA292  
}
```

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 #7AA292 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AA292
}
```

## Border

The CSS property to change the border of an element to Hex 7AA292 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
#7AA292 }
```

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

```
.border{ border-color:#7AA292 }
```

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

Here you see how a box with a 4 pixel #7AA292 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AA292; -webkit-box-shadow:4px 4px  
4px 4px #7AA292; box-shadow:4px 4px 4px  
4px #7AA292 }
```

# Background

The CSS property to change the background color of an element to Hex 7AA292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AA292 }
```

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

```
.background{ background-color:#7AA292 }
```

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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