

# Converting Colors

Hex(79A397)

Have a look what the booklet for  
Hex(79A397) contains.

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# **Color**

**Hex(79A397)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79A397
RGB	121, 163, 151
RGB Percent	47%, 64%, 59%
CMY	0.5255, 0.3608, 0.4078
CMYK	0.26, 0.00, 0.07, 0.36
HSL	163°, 19%, 56%
HSV	163°, 26%, 64%
XYZ	26.5683, 32.4937, 34.1498
YIQ	149.0740, -21.1800, -12.6360

# Conversions

## Conversions Part 2

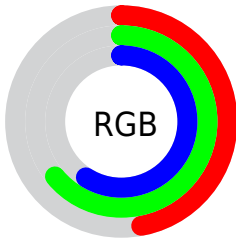
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 146, 163
Decimal	7971735
CIELab	63.75, -16.82, 1.61
CIELCh	64, 16.900, 174.524
Yxy	32.4937, 0.2850, 0.3486
Android (android.graphics.Color)	4286161815 (0xFF79A397)
YUV	149.0740, 0.9495, -24.6209
Hunter-Lab	57.0032, -16.5598, 4.3825

# Details

The Hex color **79A397** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A37985**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **AEDACD**, and **476F64** is the 20% darker color. If you saturate the color by 10%, you get **69A392**, and if you desaturate by 10%, it is **89A39C**.

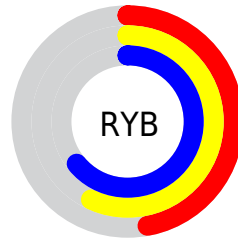
# Distribution



Red (47%)

Green (64%)

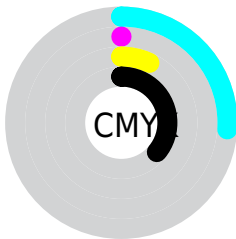
Blue (59%)



Red (47%)

Yellow (57%)

Blue (64%)

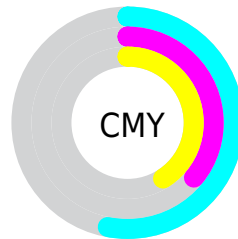


Cyan (26%)

Magenta (0%)

Yellow (7%)

Black (36%)



Cyan (53%)

Magenta (36%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79A397 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 79A397 by changing the saturation by 10% instead.





79A397



79A397

FFFFFF



60897D



AEDACD



476F64



CAF7E9



2F574C



E6FFFF



173F36



002920



001609



000000



79A397



79A397



69A392



89A39C

■ 58A38E

■ 9AA3A0

■ 48A389

■ AAA3A5

■ 38A384

■ BAA3AA

■ 27A380

■ CBA3AE

■ 17A37B

■ DBA3B3

■ 07A376

■ EBA3B8

■ 00A374

■ FBA3BC

■ FFA3C1

# Harmonies

## Analogous

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



88A189



79A397



72A3A6

# Triad

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



79A397



9A98B6



B59482

# Complementary

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



79A397



A37985

# 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.



BA908F



79A397



AB93AC

# Square

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



79A397



869DB8



B7909E



A9987D

# Rectangle

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



79A397



74A2AF



B7909E



B79286



# Sweetspot

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



79A397



C3D4CF



86A379



606B68



EBEBEB



6B6B6B



# Same Dimension

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



79A397



92D4C1



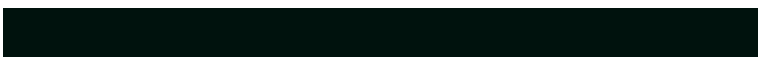
799BA3



49524F



009168



00120D



# Inverse Universe

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



A37985



D492A5



A38179



52494C



91002A

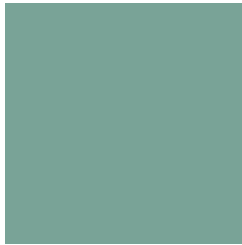


120005



# Previews

## White Background



This preview shows how the Hex color 79A397 looks on a white background.

## Color Contrast Check

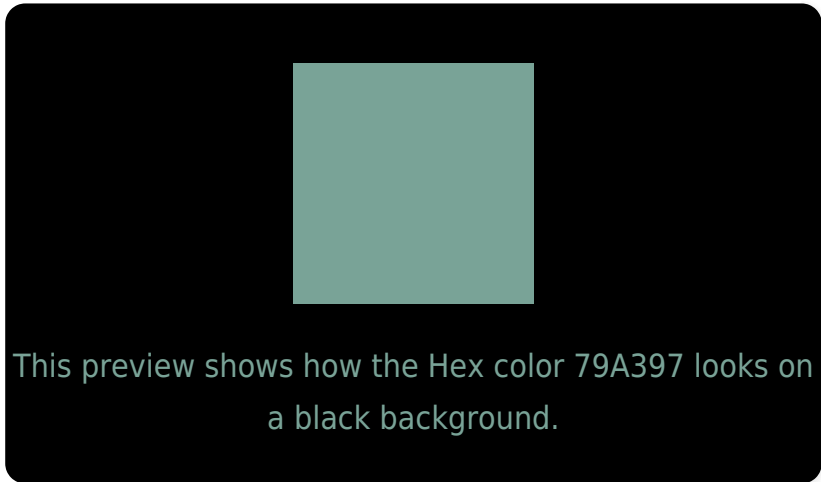
Large Text (above 18pt) WCAG AA × Fail

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

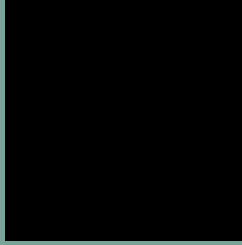
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

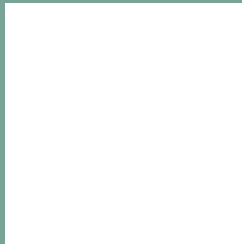
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 79A397 Background



This preview shows how black text looks on a background with the Hex color 79A397.

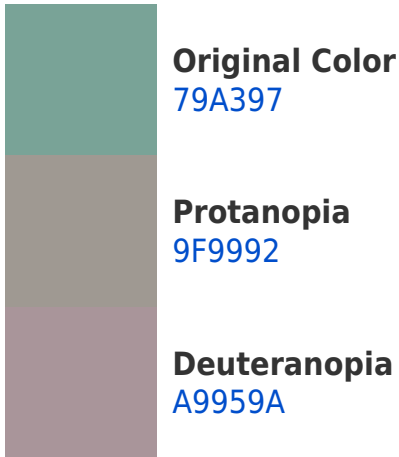


This preview shows how white text looks on a background with the Hex color 79A397.

# 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



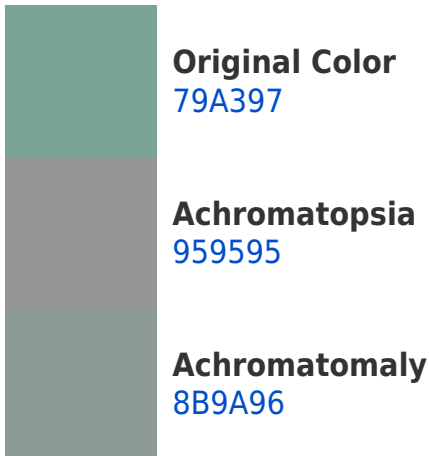


**Tritanopia**  
7DA0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79A397 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 #79A397 looks like.

```
.text, #text, p{  
    color:#79A397  
}
```

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 #79A397 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79A397
}
```

## Border

The CSS property to change the border of an element to Hex 79A397 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
#79A397 }
```

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

```
.border{ border-color:#79A397 }
```

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

Here you see how a box with a 4 pixel #79A397 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79A397; -webkit-box-shadow:4px 4px  
4px 4px #79A397; box-shadow:4px 4px 4px  
4px #79A397 }
```

# Background

The CSS property to change the background color of an element to Hex 79A397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79A397 }
```

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

```
.background{ background-color:#79A397 }
```

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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