

Converting Colors

Hex(76A39A)

Have a look what the booklet for
Hex(76A39A) contains.

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Color

Hex(76A39A)

Conversions

Conversions Part 1

Format	Color
Hex	76A39A
RGB	118, 163, 154
RGB Percent	46%, 64%, 60%
CMY	0.5373, 0.3608, 0.3961
CMYK	0.28, 0.00, 0.06, 0.36
HSL	168°, 20%, 55%
HSV	168°, 28%, 64%
XYZ	26.4011, 32.3790, 35.4301
YIQ	148.5190, -23.9310, -12.3390

Conversions

Conversions Part 2

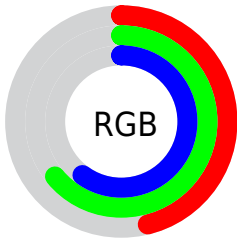
Format	Color
RYB	118, 143, 163
Decimal	7775130
CIELab	63.65, -17.10, -0.23
CIElCh	64, 17.106, 180.759
Yxy	32.3790, 0.2802, 0.3437
Android (android.graphics.Color)	4285965210 (0xFF76A39A)
YUV	148.5190, 2.7021, -26.7652
Hunter-Lab	56.9026, -16.7607, 2.9151

Details

The Hex color **76A39A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A3767F**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **ABDAD0**, and **446F67** is the 20% darker color. If you saturate the color by 10%, you get **66A397**, and if you desaturate by 10%, it is **86A39D**.

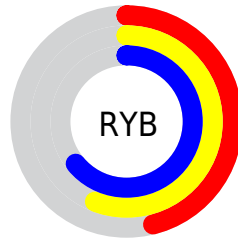
Distribution



Red (46%)

Green (64%)

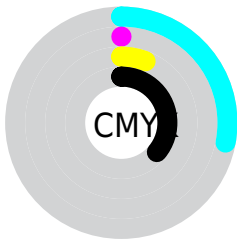
Blue (60%)



Red (46%)

Yellow (56%)

Blue (64%)

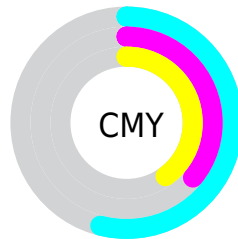


Cyan (28%)

Magenta (0%)

Yellow (6%)

Black (36%)



Cyan (54%)

Magenta (36%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76A39A 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 76A39A by changing the saturation by 10% instead.

 76A39A

 76A39A

FFFFFF

 5D8980

 ABDAD0

 446F67

 C7F7ED

 2C574F

 E3FFFF

 133F38

 002923

 00160D

 000000

 76A39A

 76A39A

 66A397

 86A39D

■ 55A393

■ 97A3A1

■ 45A390

■ A7A3A4

■ 35A38D

■ B7A3A7

■ 25A38A

■ C8A3AA

■ 14A386

■ D8A3AE

■ 04A383

■ E8A3B1

■ 00A382

■ F8A3B4

■ FFA3B7

Harmonies

Analogous

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



84A18B



76A39A



71A2A9

Triad

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



76A39A



9D96B4



B39480

Complementary

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



76A39A



A3767F

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.



BA918B



76A39A



AE92A9

Square

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



76A39A



899BB8



B8909A



A6997C

Rectangle

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



76A39A



75A1B1



B8909A



B69383

Sweetspot

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



76A39A



C3D4D0



7FA376



606B69



EBEBEB



6B6B6B

Same Dimension

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



76A39A



8ED4C6



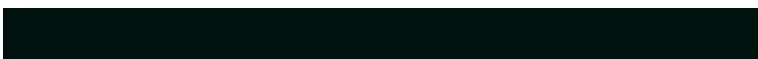
7695A3



495250



009174



00120E

Inverse Universe

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



A3767F



D48E9C



A38476



52494B



91001D



120004

Previews

White Background



This preview shows how the Hex color 76A39A looks on a white background.

Color Contrast Check

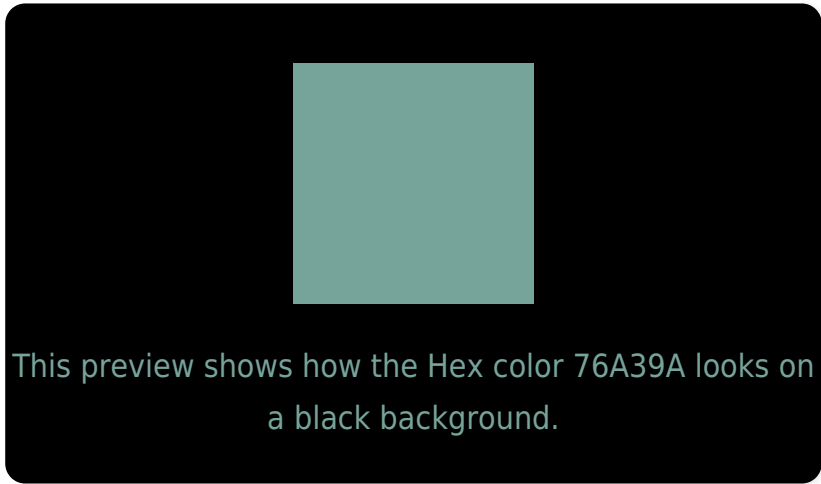
Large Text (above 18pt) WCAG AA × Fail

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

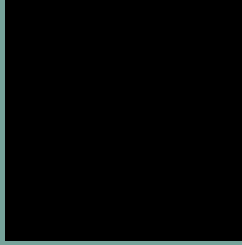
Any Text WCAG AA ✓ Pass

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 76A39A Background



This preview shows how black text looks on a background with the Hex color 76A39A.

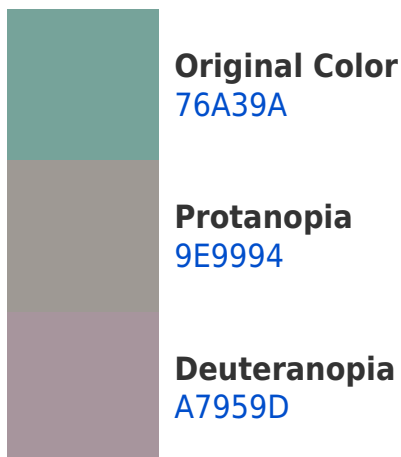


This preview shows how white text looks on a background with the Hex color 76A39A.

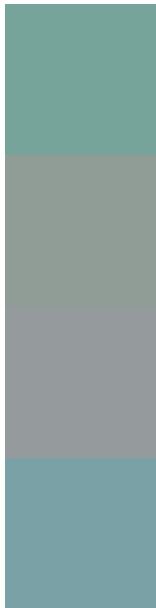
Color Blindness Simulation

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



Trichromacy



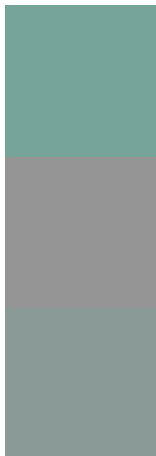
Original Color
76A39A

Protanomaly
8F9D96

Deuteranomaly
959A9C

Tritanomaly
79A1A6

Monochromacy



Original Color
76A39A

Achromatopsia
959595

Achromatomaly
8A9A97

CSS Examples

Text

The CSS property to change the color of the text to Hex 76A39A 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 #76A39A looks like.

```
.text, #text, p{  
    color:#76A39A  
}
```

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 #76A39A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A39A
}
```

Border

The CSS property to change the border of an element to Hex 76A39A 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
#76A39A }
```

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

```
.border{ border-color:#76A39A }
```

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

Here you see how a box with a 4 pixel #76A39A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A39A; -webkit-box-shadow:4px 4px  
4px 4px #76A39A; box-shadow:4px 4px 4px  
4px #76A39A }
```

Background

The CSS property to change the background color of an element to Hex 76A39A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A39A }
```

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

```
.background{ background-color:#76A39A }
```

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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