

Converting Colors

Hex(7AA393)

Have a look what the booklet for
Hex(7AA393) contains.

Hex(7AA393)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7AA393)

Conversions

Conversions Part 1

Format	Color
Hex	7AA393
RGB	122, 163, 147
RGB Percent	48%, 64%, 58%
CMY	0.5216, 0.3608, 0.4235
CMYK	0.25, 0.00, 0.10, 0.36
HSL	157°, 18%, 56%
HSV	157°, 25%, 64%
XYZ	26.3897, 32.4385, 32.4741
YIQ	148.9170, -19.3000, -13.6680

Conversions

Conversions Part 2

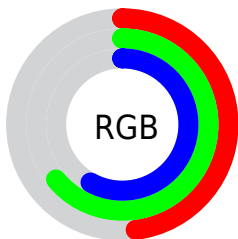
Format	Color
RYB	122, 147, 163
Decimal	8037267
CIELab	63.70, -17.36, 3.79
CIELCh	64, 17.772, 167.671
Yxy	32.4385, 0.2890, 0.3553
Android (android.graphics.Color)	4286227347 (0xFF7AA393)
YUV	148.9170, -0.9451, -23.6062
Hunter-Lab	56.9548, -16.9641, 6.0628

Details

The Hex color **7AA393** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A37A8A**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **AFDAC9**, and **486F60** is the 20% darker color. If you saturate the color by 10%, you get **6AA38D**, and if you desaturate by 10%, it is **8AA399**.

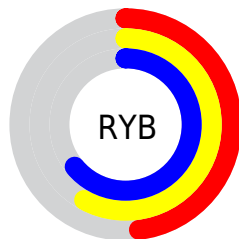
Distribution



Red (48%)

Green (64%)

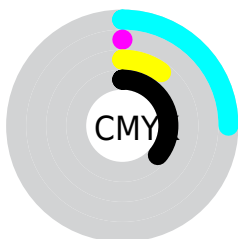
Blue (58%)



Red (48%)

Yellow (58%)

Blue (64%)

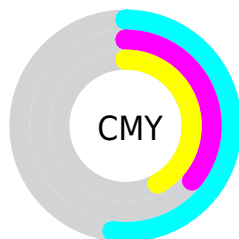


Cyan (25%)

Magenta (0%)

Yellow (10%)

Black (36%)



Cyan (52%)

Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AA393 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 7AA393 by changing the saturation by 10% instead.

 7AA393

 7AA393

FFFFFF

 618979

 AFDAC9

 486F60

 CBF7E5

 305749

 E7FFFF

 193F32

 01291D

 001604

 000000

 7AA393

 7AA393

 6AA38D

 8AA399

■ 59A386

■ 9BA3A0

■ 49A380

■ ABA3A6

■ 39A37A

■ BBA3AC

■ 29A373

■ CCA3B3

■ 18A36D

■ DCA3B9

■ 08A366

■ ECA3C0

■ 00A363

■ FCA3C6

■ FFA3CC

Harmonies

Analogous

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



8BA085



7AA393



70A3A3

Triad

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



7AA393



9598B8



B89284

Complementary

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



7AA393



A37A8A

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.



BB8F91



7AA393



A893B0

Square

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



7AA393



809EB9



B690A2



AD977C

Rectangle

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



7AA393



70A2AD



B690A2



BA9188

Sweetspot

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



7AA393



C3D4CD



8AA37A



606B67



EBEBEB



6B6B6B

Same Dimension

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



7AA393



94D4BB



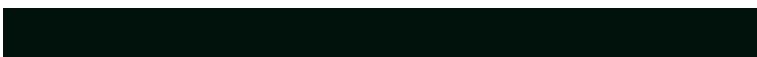
7A9FA3



49524E



009159



00120B

Inverse Universe

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



A37A8A



D494AD



A37E7A



52494D



910039



120007

Previews

White Background



This preview shows how the Hex color 7AA393 looks on a white background.

Color Contrast Check

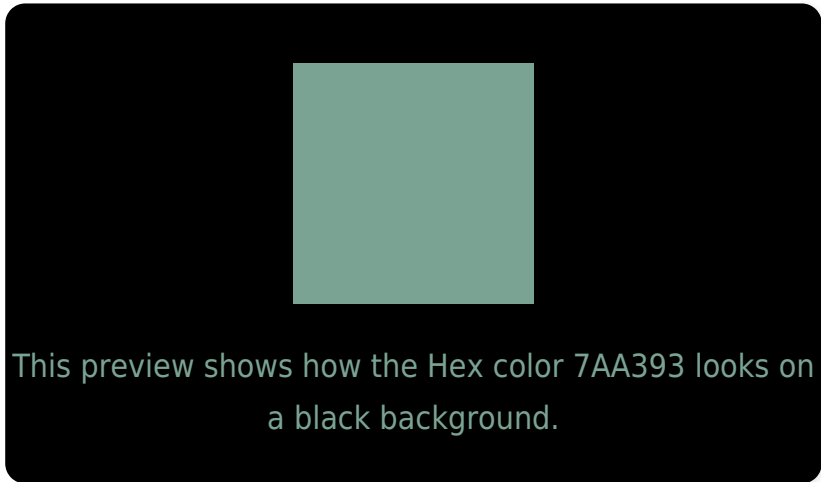
Large Text (above 18pt) WCAG AA × Fail

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

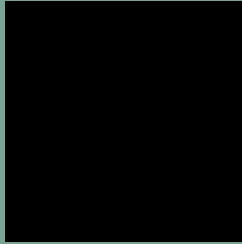
Any Text WCAG AA ✓ Pass

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 7AA393 Background



This preview shows how black text looks on a background with the Hex color 7AA393.

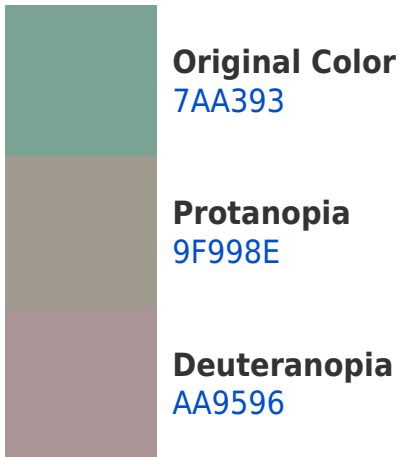


This preview shows how white text looks on a background with the Hex color 7AA393.

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
7AA393

Protanomaly
929D90

Deuteranomaly
999A95

Tritanomaly
7DA0A3

Monochromacy



Original Color
7AA393

Achromatopsia
959595

Achromatomaly
8B9A94

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AA393 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 #7AA393 looks like.

```
.text, #text, p{  
    color:#7AA393  
}
```

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 #7AA393 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AA393
}
```

Border

The CSS property to change the border of an element to Hex 7AA393 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
#7AA393 }
```

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

```
.border{ border-color:#7AA393 }
```

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

Here you see how a box with a 4 pixel #7AA393 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AA393; -webkit-box-shadow:4px 4px  
4px 4px #7AA393; box-shadow:4px 4px 4px  
4px #7AA393 }
```

Background

The CSS property to change the background color of an element to Hex 7AA393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AA393 }
```

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

```
.background{ background-color:#7AA393 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor