

Converting Colors

Hex(7AA196)

Have a look what the booklet for
Hex(7AA196) contains.

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Color

Hex(7AA196)

Conversions

Conversions Part 1

Format	Color
Hex	7AA196
RGB	122, 161, 150
RGB Percent	48%, 63%, 59%
CMY	0.5216, 0.3686, 0.4118
CMYK	0.24, 0.00, 0.07, 0.37
HSL	163°, 17%, 55%
HSV	163°, 24%, 63%
XYZ	26.2759, 31.8293, 33.6129
YIQ	148.0850, -19.7130, -11.6890

Conversions

Conversions Part 2

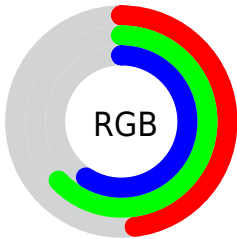
Format	Color
RYB	122, 145, 161
Decimal	8036758
CIELab	63.20, -15.67, 1.38
CIElCh	63, 15.728, 174.948
Yxy	31.8293, 0.2865, 0.3470
Android (android.graphics.Color)	4286226838 (0xFF7AA196)
YUV	148.0850, 0.9441, -22.8765
Hunter-Lab	56.4175, -15.5958, 4.1679

Details

The Hex color **7AA196** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A17A85**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **AFD8CC**, and **486D63** is the 20% darker color. If you saturate the color by 10%, you get **6AA191**, and if you desaturate by 10%, it is **8AA19B**.

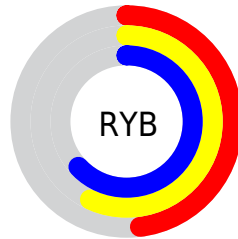
Distribution



Red (48%)

Green (63%)

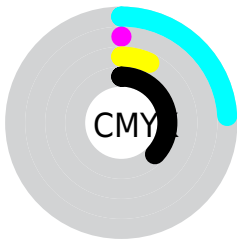
Blue (59%)



Red (48%)

Yellow (57%)

Blue (63%)

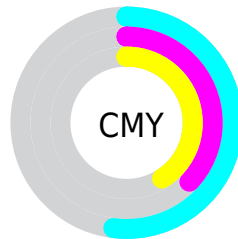


Cyan (24%)

Magenta (0%)

Yellow (7%)

Black (37%)



Cyan (52%)

Magenta (37%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AA196 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 7AA196 by changing the saturation by 10% instead.

 7AA196

 7AA196

FFFFFF

 61877C

 AFD8CC

 486D63

 CBF4E8

 30554B

 E7FFFF

 193E35

 022720

 001408

 000000

 7AA196

 7AA196

 6AA191

 8AA19B

■ 5AA18D

■ 9AA19F

■ 4AA188

■ AAA1A4

■ 3AA184

■ BAA1A8

■ 2AA17F

■ CBA1AD

■ 19A17B

■ DBA1B1

■ 09A176

■ EBA1B6

■ 00A174

■ FBA1BA

■ FFA1BF

Harmonies

Analogous

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



879F89



7AA196



74A1A4

Triad

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



7AA196



9996B2



B29383

Complementary

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



7AA196



A17A85

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.



B6908E



7AA196



A992A9

Square

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



7AA196



869BB4



B48F9C



A6977D

Rectangle

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



7AA196



76A0AC



B48F9C



B49286

Sweetspot

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



7AA196



C2D1CD



85A17A



606966



E8E8E8



696969

Same Dimension

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



7AA196



94D1C0



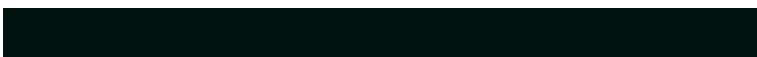
7A99A1



49524F



009168



00120D

Inverse Universe

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



A17A85



D194A6



A1827A



52494C



910029



120005

Previews

White Background



This preview shows how the Hex color 7AA196 looks on a white background.

Color Contrast Check

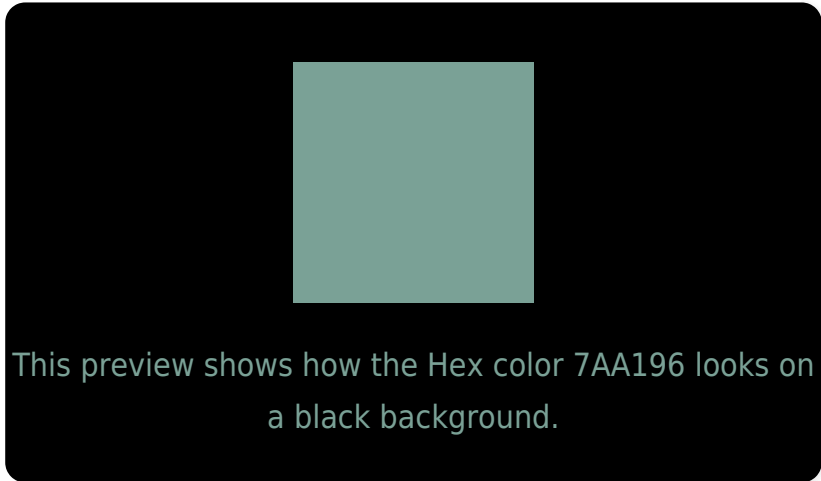
Large Text (above 18pt) WCAG AA × Fail

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

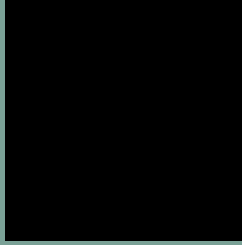
Any Text WCAG AA ✓ Pass

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 7AA196 Background



This preview shows how black text looks on a background with the Hex color 7AA196.

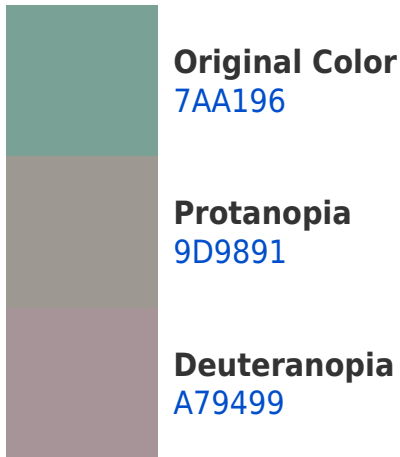



This preview shows how white text looks on a background with the Hex color 7AA196.

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](#).

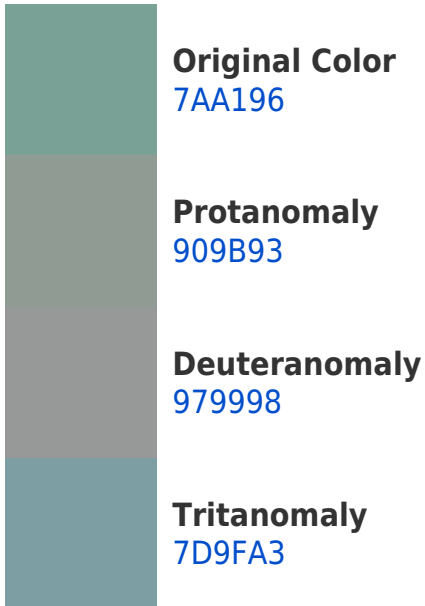
Dichromacy



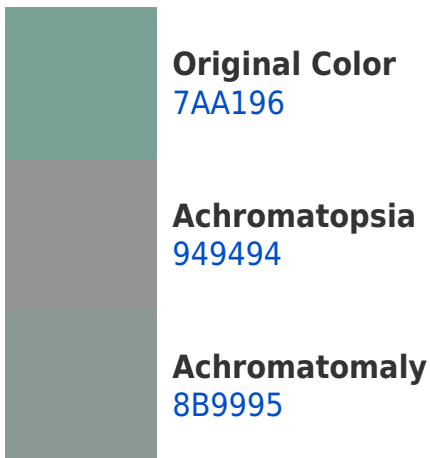


Tritanopia
7E9EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7AA196 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 #7AA196 looks like.

```
.text, #text, p{  
    color:#7AA196  
}
```

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 #7AA196 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AA196
}
```

Border

The CSS property to change the border of an element to Hex 7AA196 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
#7AA196 }
```

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

```
.border{ border-color:#7AA196 }
```

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

Here you see how a box with a 4 pixel #7AA196 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AA196; -webkit-box-shadow:4px 4px  
4px 4px #7AA196; box-shadow:4px 4px 4px  
4px #7AA196 }
```

Background

The CSS property to change the background color of an element to Hex 7AA196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AA196 }
```

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

```
.background{ background-color:#7AA196 }
```

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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