

Converting Colors

Hex(76A0AA)

Have a look what the booklet for
Hex(76A0AA) contains.

Hex(76A0AA)	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(76A0AA)

Conversions

Conversions Part 1

Format	Color
Hex	76A0AA
RGB	118, 160, 170
RGB Percent	46%, 63%, 67%
CMY	0.5373, 0.3725, 0.3333
CMYK	0.31, 0.06, 0.00, 0.33
HSL	192°, 23%, 56%
HSV	192°, 31%, 67%
XYZ	27.2977, 31.8954, 42.7479
YIQ	148.5820, -28.2420, -5.7940

Conversions

Conversions Part 2

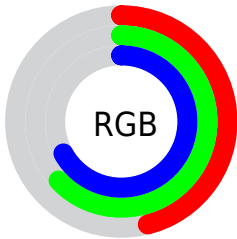
Format	Color
RYB	118, 141, 170
Decimal	7774378
CIELab	63.26, -11.73, -9.80
CIElCh	63, 15.288, 219.862
Yxy	31.8954, 0.2678, 0.3129
Android (android.graphics.Color)	4285964458 (0xFF76A0AA)
YUV	148.5820, 10.5591, -26.8204
Hunter-Lab	56.4761, -12.5551, -5.3446

Details

The Hex color **76A0AA** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AA8076**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **ACD7E1**, and **436C76** is the 20% darker color. If you saturate the color by 10%, you get **659DAA**, and if you desaturate by 10%, it is **87A3AA**.

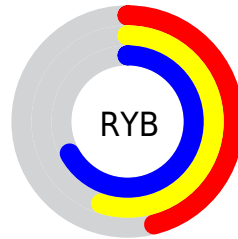
Distribution



Red (46%)

Green (63%)

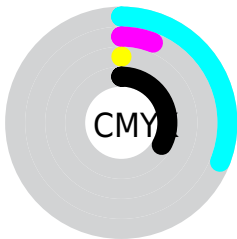
Blue (67%)



Red (46%)

Yellow (55%)

Blue (67%)

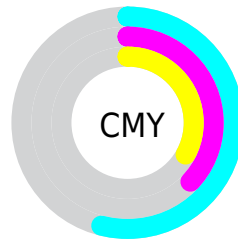


Cyan (31%)

Magenta (6%)

Yellow (0%)

Black (33%)



Cyan (54%)

Magenta (37%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76A0AA 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 76A0AA by changing the saturation by 10% instead.

 76A0AA

 76A0AA

FFFFFF

 5C8690

 ACD7E1

 436C76

 C7F3FE

 2A545D

 E4FFFF

 103D46

 00272F

 00131B

 000000

 76A0AA

 76A0AA

 659DAA

 87A3AA

■ 5499AA

■ 98A7AA

■ 4396AA

■ A9AAAA

■ 3293AA

■ BAADAA

■ 2190AA

■ CBB0AA

■ 108CAA

■ DCB4AA

■ 0089AA

■ EDB7AA

■ FEBAAA

■ FFBDA A

Harmonies

Analogous

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



77A19D



76A0AA



7F9DB2

Triad

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



76A0AA



AF91A3



9F9A7E

Complementary

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



76A0AA



AA8076

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.



AC9580



76A0AA



B59095

Square

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



76A0AA



A194AE



B49188



909E84

Rectangle

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



76A0AA



8A9AB4



B49188



A4987E

Sweetspot

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



76A0AA



CADADE



76AA80



646E70



F0F0F0



707070

Same Dimension

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



76A0AA



8CCEDE



7686AA



4C5354



007794



001014

Inverse Universe

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



AA76A0



DE8CCE



AA9A76



544C53



940077



140010

Previews

White Background



This preview shows how the Hex color 76A0AA looks on a white background.

Color Contrast Check

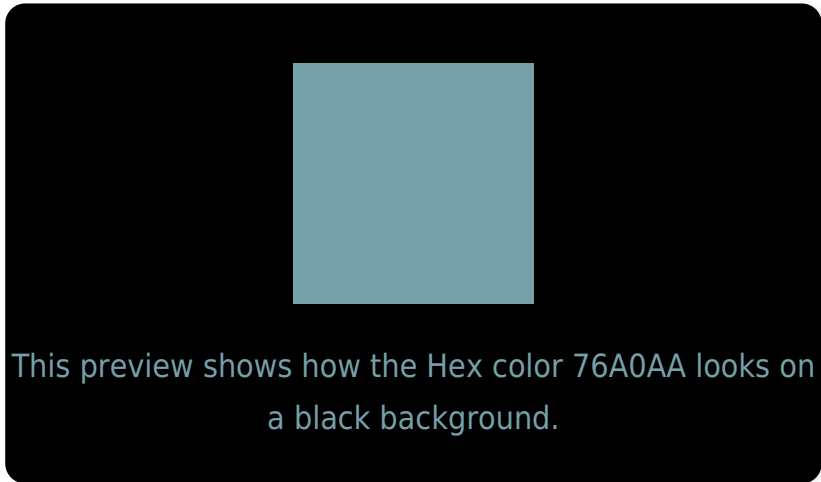
Large Text (above 18pt) WCAG AA × Fail

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

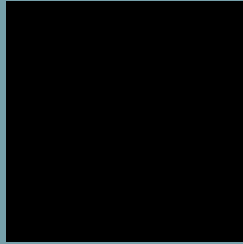
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

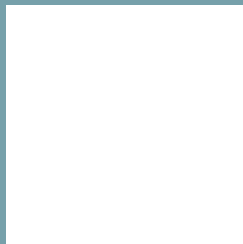
Any Text WCAG AAA ✓ Pass

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

Hex 76A0AA Background



This preview shows how black text looks on a background with the Hex color 76A0AA.

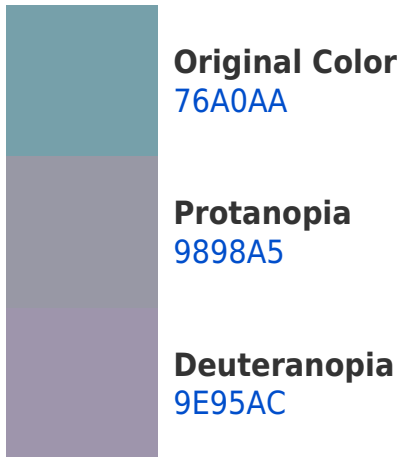


This preview shows how white text looks on a background with the Hex color 76A0AA.

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](#).

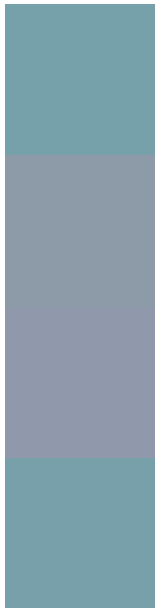
Dichromacy





Tritanopia
77A0AC

Trichromacy



Original Color

76A0AA

Protanomaly

8C9BA7

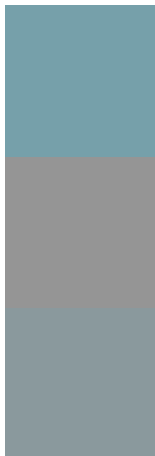
Deuteranomaly

8F99AB

Tritanomaly

77A0AB

Monochromacy



Original Color

76A0AA

Achromatopsia

959595

Achromatomaly

8A999D

CSS Examples

Text

The CSS property to change the color of the text to Hex 76A0AA 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 #76A0AA looks like.

```
.text, #text, p{  
    color:#76A0AA  
}
```

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 #76A0AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A0AA
}
```

Border

The CSS property to change the border of an element to Hex 76A0AA 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
#76A0AA }
```

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

```
.border{ border-color:#76A0AA }
```

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

Here you see how a box with a 4 pixel #76A0AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A0AA; -webkit-box-shadow:4px 4px  
4px 4px #76A0AA; box-shadow:4px 4px 4px  
4px #76A0AA }
```

Background

The CSS property to change the background color of an element to Hex 76A0AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A0AA }
```

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

```
.background{ background-color:#76A0AA }
```

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