

Converting Colors

Hex(7693AA)

Have a look what the booklet for
Hex(7693AA) contains.

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Color

Hex(7693AA)

Conversions

Conversions Part 1

Format	Color
Hex	7693AA
RGB	118, 147, 170
RGB Percent	46%, 58%, 67%
CMY	0.5373, 0.4235, 0.3333
CMYK	0.31, 0.14, 0.00, 0.33
HSL	207°, 23%, 56%
HSV	207°, 31%, 67%
XYZ	25.1606, 27.6213, 42.0355
YIQ	140.9510, -24.6670, 1.0050

Conversions

Conversions Part 2

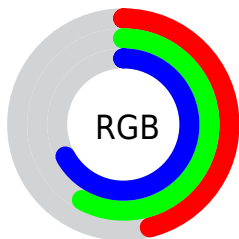
Format	Color
RYB	118, 137, 170
Decimal	7771050
CIELab	59.55, -4.58, -15.38
CIELCh	60, 16.047, 253.412
Yxy	27.6213, 0.2654, 0.2913
Android (android.graphics.Color)	4285961130 (0xFF7693AA)
YUV	140.9510, 14.3212, -20.1280
Hunter-Lab	52.5559, -6.5178, -10.6325

Details

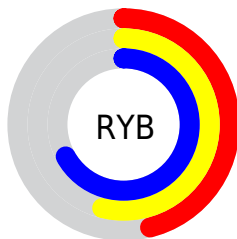
The Hex color **7693AA** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AA8D76**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **ABC9E1**, and **446176** is the 20% darker color. If you saturate the color by 10%, you get **658BAA**, and if you desaturate by 10%, it is **879BAA**.

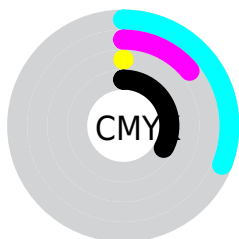
Distribution



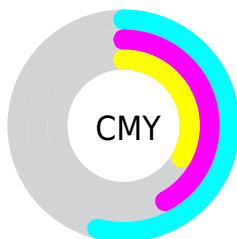
- Red (46%)
- Green (58%)
- Blue (67%)



- Red (46%)
- Yellow (54%)
- Blue (67%)



- Cyan (31%)
- Magenta (14%)
- Yellow (0%)
- Black (33%)



- Cyan (54%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7693AA 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 7693AA by changing the saturation by 10% instead.

■ 7693AA

■ 7693AA

FFFFFF

■ 5C798F

■ ABC9E1

■ 446176

■ C7E5FE

■ 2B495D

■ E3FFFF

■ 123245

■ 001D2F

■ 00011B

■ 000000

■ 7693AA

■ 7693AA

■ 658BAA

■ 879BAA

■ 5484AA

■ 98A2AA

■ 437CAA

■ A9AAAA

■ 3275AA

■ BAB1AA

■ 216DAA

■ CBB9AA

■ 1066AA

■ DCC0AA

■ 005FAA

■ EDC8AA

■ FECFAA

■ FFD7AA

Harmonies

Analogous

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



6B96A2



7693AA



888EAB

Triad

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



7693AA



AD8689



84947B

Complementary

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



7693AA



AA8D76

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.



949074



7693AA



AB887D

Square

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



7693AA



A78698



A28C75



759787

Rectangle

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



7693AA



948BA7



A28C75



899378

Sweetspot

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



7693AA



CAD5DE



76AA8D



646B70



F0F0F0



707070

Same Dimension

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



7693AA



8CBADE



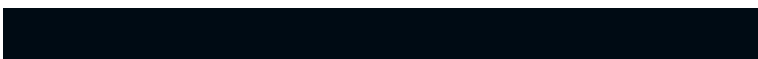
7679AA



4C5054



005294



000B14

Inverse Universe

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



AA7693



DE8CBA



AAA776



544C50



940052



14000B

Previews

White Background



This preview shows how the Hex color 7693AA looks on a white background.

Color Contrast Check

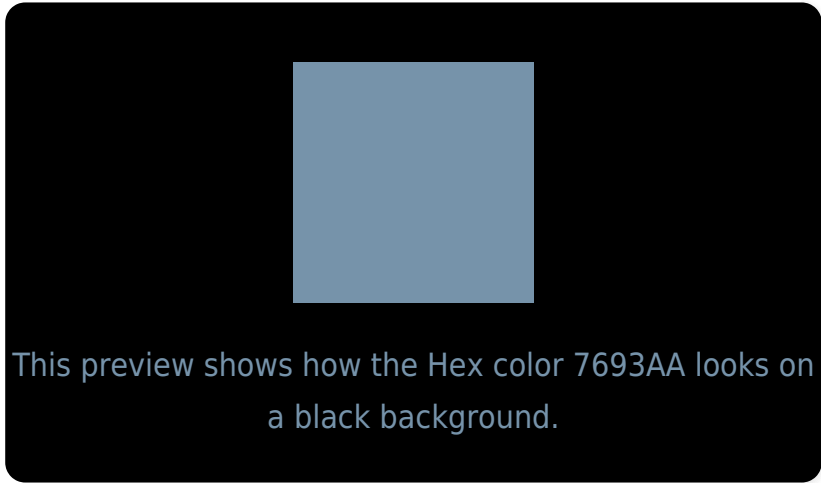
Large Text (above 18pt) WCAG AA ✓ Pass

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

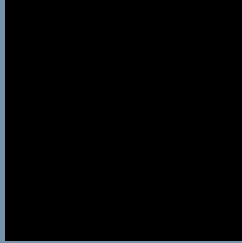
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

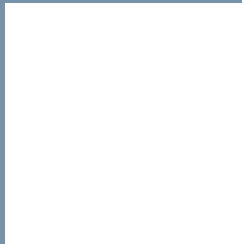
Any Text WCAG AAA × Fail

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

Hex 7693AA Background



This preview shows how black text looks on a background with the Hex color 7693AA.



This preview shows how white text looks on a background with the Hex color 7693AA.

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
7495A0

Trichromacy



Original Color
7693AA

Protanomaly
8390A8

Deuteranomaly
868FAB

Tritanomaly
7594A4

Monochromacy



Original Color
7693AA

Achromatopsia
8D8D8D

Achromatomaly
858F98

CSS Examples

Text

The CSS property to change the color of the text to Hex 7693AA 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 #7693AA looks like.

```
.text, #text, p{  
    color:#7693AA  
}
```

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 #7693AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7693AA
}
```

Border

The CSS property to change the border of an element to Hex 7693AA 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
#7693AA }
```

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

```
.border{ border-color:#7693AA }
```

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

Here you see how a box with a 4 pixel #7693AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7693AA; -webkit-box-shadow:4px 4px  
4px 4px #7693AA; box-shadow:4px 4px 4px  
4px #7693AA }
```

Background

The CSS property to change the background color of an element to Hex 7693AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7693AA }
```

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

```
.background{ background-color:#7693AA }
```

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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