

Converting Colors

Hex(7691AE)

Have a look what the booklet for
Hex(7691AE) contains.

Hex(7691AE)	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(7691AE)

Conversions

Conversions Part 1

Format	Color
Hex	7691AE
RGB	118, 145, 174
RGB Percent	46%, 57%, 68%
CMY	0.5373, 0.4314, 0.3176
CMYK	0.32, 0.17, 0.00, 0.32
HSL	211°, 26%, 57%
HSV	211°, 32%, 68%
XYZ	25.2366, 27.1583, 43.9564
YIQ	140.2330, -25.4010, 3.2950

Conversions

Conversions Part 2

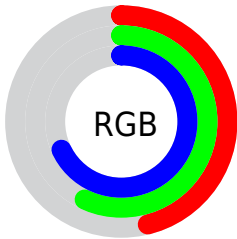
Format	Color
R_{YB}	118, 136, 174
Decimal	7770542
CIE _{Lab}	59.12, -2.43, -18.30
CIE _{LCh}	59, 18.457, 262.437
Yxy	27.1583, 0.2619, 0.2819
Android (android.graphics.Color)	4285960622 (0xFF7691AE)
YUV	140.2330, 16.6471, -19.4983
Hunter-Lab	52.1137, -4.7584, -13.5298

Details

The Hex color **7691AE** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AE9376**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **ABC7E6**, and **435F7A** is the 20% darker color. If you saturate the color by 10%, you get **6588AE**, and if you desaturate by 10%, it is **879AAE**.

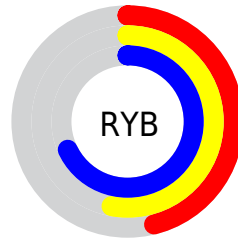
Distribution



Red (46%)

Green (57%)

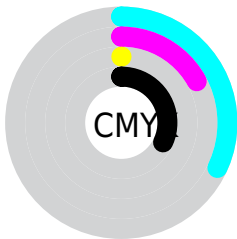
Blue (68%)



Red (46%)

Yellow (53%)

Blue (68%)

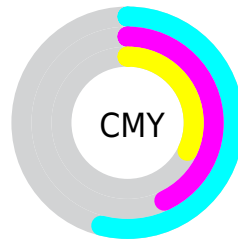


Cyan (32%)

Magenta (17%)

Yellow (0%)

Black (32%)



Cyan (54%)

Magenta (43%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7691AE 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 7691AE by changing the saturation by 10% instead.

■ 7691AE

■ 7691AE

FFFFFF

■ 5C7793

■ ABC7E6

■ 435F7A

■ C7E3FF

■ 2B4761

■ E4FFFF

■ 113149

■ 001C32

■ 00021D

■ 000000

■ 7691AE

■ 7691AE

■ 6588AE

■ 879AAE

537FAE

99A3AE

4276AE

AAACAE

306DAE

BCB5AE

1F64AE

CDBEAE

0E5BAE

DEC7AE

0054AE

F0D0AE

FFD9AE

FFE2AE

Harmonies

Analogous

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



6695A7



7691AE



8C8CAC

Triad

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



7691AE



B08383



7B957A

Complementary

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



7691AE



AE9376

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.



8E9170



7691AE



AB8775

Square

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



7691AE



AC8393



9F8C6E



6B9789

Rectangle

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



7691AE



9988A6



9F8C6E



819476

Sweetspot

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



7691AE



CCD7E3



76AE93



656C73



F2F2F2



737373

Same Dimension

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



7691AE



8AB5E3



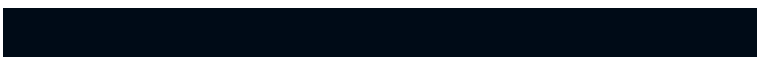
7776AE



4E5257



004996



000B17

Inverse Universe

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



AE7691



E38AB5



ADAE76



574E52



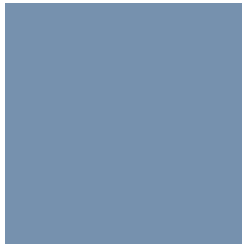
960049



17000B

Previews

White Background



This preview shows how the Hex color 7691AE looks on a white background.

Color Contrast Check

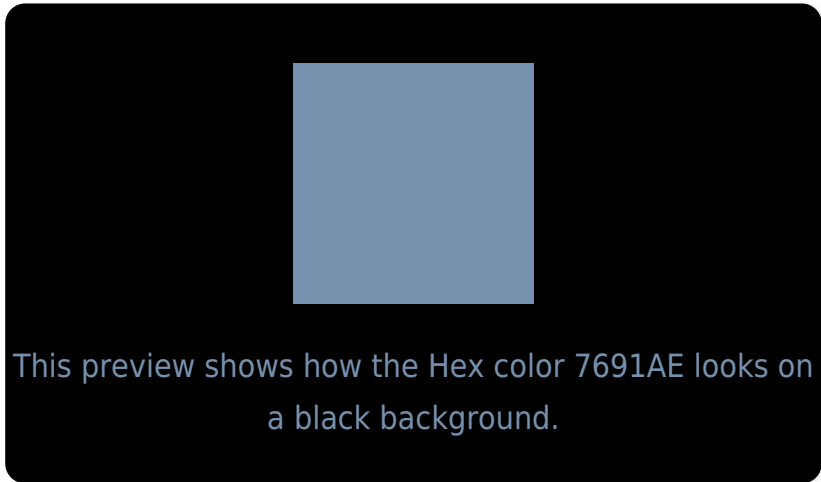
Large Text (above 18pt) WCAG AA ✓ Pass

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

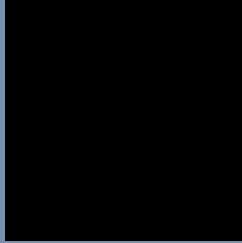
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

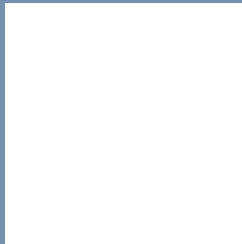
Any Text WCAG AAA × Fail

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

Hex 7691AE Background



This preview shows how black text looks on a background with the Hex color 7691AE.

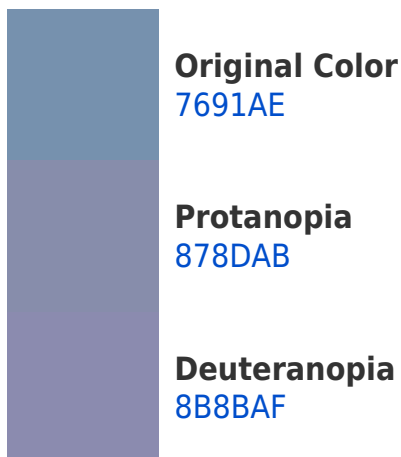


This preview shows how white text looks on a background with the Hex color 7691AE.

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](#).

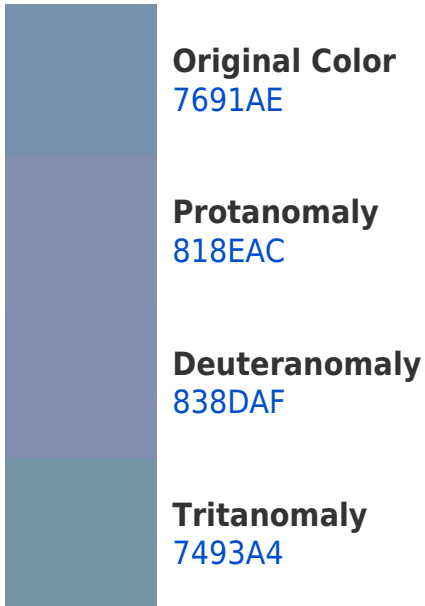
Dichromacy



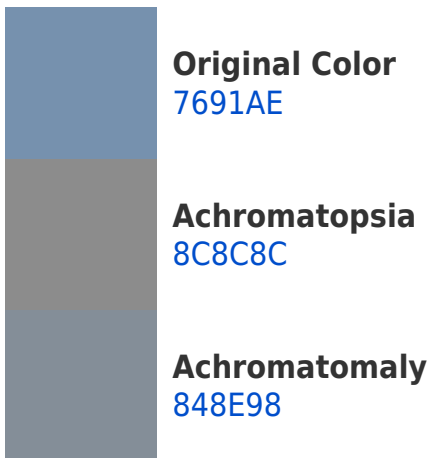


Tritanopia
73949F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7691AE 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 #7691AE looks like.

```
.text, #text, p{  
    color:#7691AE  
}
```

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 #7691AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7691AE
}
```

Border

The CSS property to change the border of an element to Hex 7691AE 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
#7691AE }
```

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

```
.border{ border-color:#7691AE }
```

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

Here you see how a box with a 4 pixel #7691AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7691AE; -webkit-box-shadow:4px 4px  
4px 4px #7691AE; box-shadow:4px 4px 4px  
4px #7691AE }
```

Background

The CSS property to change the background color of an element to Hex 7691AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7691AE }
```

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

```
.background{ background-color:#7691AE }
```

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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