

Converting Colors

Hex(7688AC)

Have a look what the booklet for
Hex(7688AC) contains.

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Color

Hex(7688AC)

Conversions

Conversions Part 1

Format	Color
Hex	7688AC
RGB	118, 136, 172
RGB Percent	46%, 53%, 67%
CMY	0.5373, 0.4667, 0.3255
CMYK	0.31, 0.21, 0.00, 0.33
HSL	220°, 25%, 57%
HSV	220°, 31%, 67%
XYZ	23.7218, 24.4384, 42.4965
YIQ	134.7220, -22.2840, 7.3800

Conversions

Conversions Part 2

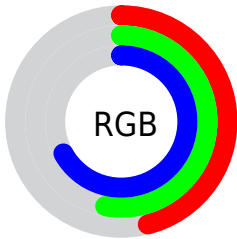
Format	Color
R_{YB}	118, 132, 172
Decimal	7768236
CIE Lab	56.52, 2.20, -21.12
CIE LCh	57, 21.232, 275.946
Yxy	24.4384, 0.2617, 0.2696
Android (android.graphics.Color)	4285958316 (0xFF7688AC)
YUV	134.7220, 18.3781, -14.6652
Hunter-Lab	49.4352, -0.8575, -16.3634

Details

The Hex color **7688AC** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AC9A76**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **ABBDE3**, and **445678** is the 20% darker color. If you saturate the color by 10%, you get **657DAC**, and if you desaturate by 10%, it is **8793AC**.

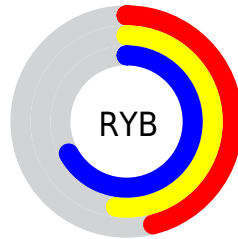
Distribution



Red (46%)

Green (53%)

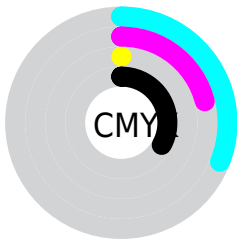
Blue (67%)



Red (46%)

Yellow (52%)

Blue (67%)

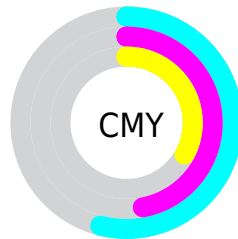


Cyan (31%)

Magenta (21%)

Yellow (0%)

Black (33%)



Cyan (54%)

Magenta (47%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7688AC 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 7688AC by changing the saturation by 10% instead.

■ 7688AC

■ 7688AC

FFFFFF

■ 5C6F91

■ ABBDE3

■ 445678

■ C7D9FF

■ 2B3F5F

■ E3F5FF

■ 122A47

■ 001530

■ 00011B

■ 000000

■ 7688AC

■ 7688AC

■ 657DAC

■ 8793AC

■ 5471AC

■ 989FAC

■ 4266AC

■ AAAAAC

■ 315AAC

■ BBB6AC

■ 204FAC

■ CCC1AC

■ 0F43AC

■ DDCDAC

■ 0039AC

■ EED8AC

■ FFE4AC

■ FFEFAC

Harmonies

Analogous

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



5E8EA9



7688AC



8F82A5

Triad

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



7688AC



AC7C73



689178

Complementary

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



7688AC



AC9A76

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.



7D8D69



7688AC



A28166

Square

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



7688AC



AC7A84



918863



57928B

Rectangle

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



7688AC



9D7E9C



918863



6F9072

Sweetspot

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



7688AC



CCD3E0



76AC9A



646870



F0F0F0



707070

Same Dimension

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



7688AC



8BA8E0



7F76AC



4E5157



003296



000817

Inverse Universe

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



AC7688



E08BA8



A3AC76



574E51



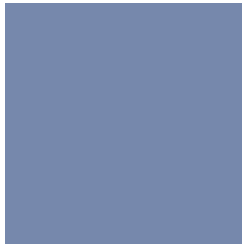
960032



170008

Previews

White Background



This preview shows how the Hex color 7688AC looks on a white background.

Color Contrast Check

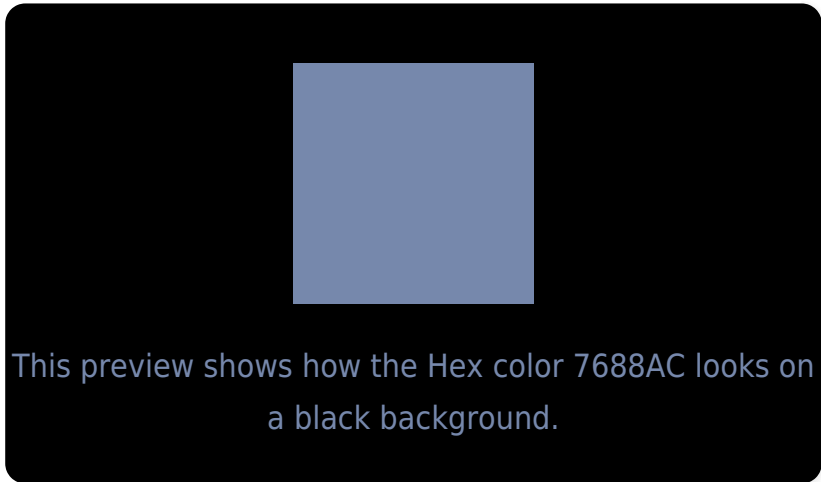
Large Text (above 18pt) WCAG AA ✓ Pass

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

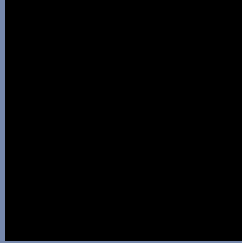
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

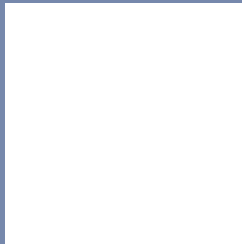
Any Text WCAG AAA × Fail

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

Hex 7688AC Background



This preview shows how black text looks on a background with the Hex color 7688AC.

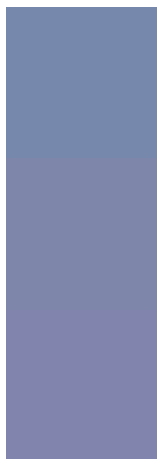


This preview shows how white text looks on a background with the Hex color 7688AC.

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



Original Color

7688AC

Protanopia

7E86AA

Deuteranopia

8185AD



Tritanopia
718C97

Trichromacy



Original Color
7688AC

Protanomaly
7B87AB

Deuteranomaly
7D86AD

Tritanomaly
738B9F

Monochromacy



Original Color
7688AC

Achromatopsia
878787

Achromatomaly
818794

CSS Examples

Text

The CSS property to change the color of the text to Hex 7688AC 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 #7688AC looks like.

```
.text, #text, p{  
    color:#7688AC  
}
```

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 #7688AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7688AC
}
```

Border

The CSS property to change the border of an element to Hex 7688AC 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
#7688AC }
```

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

```
.border{ border-color:#7688AC }
```

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

Here you see how a box with a 4 pixel #7688AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7688AC; -webkit-box-shadow:4px 4px  
4px 4px #7688AC; box-shadow:4px 4px 4px  
4px #7688AC }
```

Background

The CSS property to change the background color of an element to Hex 7688AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7688AC }
```

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

```
.background{ background-color:#7688AC }
```

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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