

Converting Colors

Hex(7688DA)

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

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Color

Hex(7688DA)

Conversions

Conversions Part 1

Format	Color
Hex	7688DA
RGB	118, 136, 218
RGB Percent	46%, 53%, 85%
CMY	0.5373, 0.4667, 0.1451
CMYK	0.46, 0.38, 0.00, 0.15
HSL	229°, 57%, 66%
HSV	229°, 46%, 85%
XYZ	28.9303, 26.5218, 69.9241
YIQ	139.9660, -37.0500, 21.6860

Conversions

Conversions Part 2

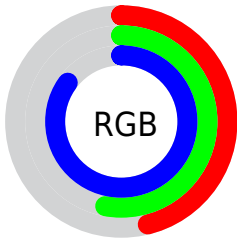
Format	Color
R _Y B	118, 133, 218
Decimal	7768282
CIE Lab	58.53, 15.09, -44.05
CIE LCh	59, 46.566, 288.910
Yxy	26.5218, 0.2307, 0.2115
Android (android.graphics.Color)	4285958362 (0xFF7688DA)
YUV	139.9660, 38.4708, -19.2642
Hunter-Lab	51.4993, 10.1503, -44.4525

Details

The Hex color **7688DA** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **DAC876**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **AEBDFF**, and **3D57A3** is the 20% darker color. If you saturate the color by 10%, you get **6076DA**, and if you desaturate by 10%, it is **8C9ADA**.

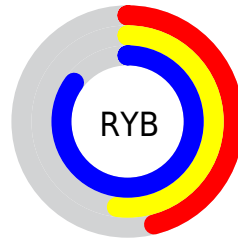
Distribution



Red (46%)

Green (53%)

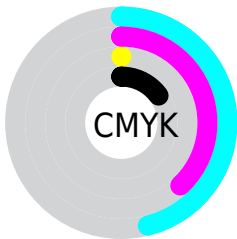
Blue (85%)



Red (46%)

Yellow (52%)

Blue (85%)

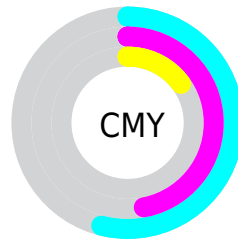


Cyan (46%)

Magenta (38%)

Yellow (0%)

Black (15%)



Cyan (54%)

Magenta (47%)

Yellow (15%)

Brightness & Saturation Gradients

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

 7688DA

 7688DA

FFFFFF

 5A6FBE

 AEBDFE

 3D57A3

 CBD9FF

 1D4088

 E8F5FF

 002A6E

 001755

 00003E

 000327

 000110

 000000

 7688DA

 7688DA

 6076DA

 8C9ADA

 4A64DA

 A2ACDA

 3552DA

 B7BEDA

 1F40DA

 CDD0DA

 092FDA

 E3E1DA

 0027DA

 F9F3DA

 FFFFDA

Harmonies

Analogous

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



0096DC



7688DA



B078C3

Triad

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



7688DA



CD7651



00A07C

Complementary

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



7688DA



DAC876

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.



5C9C55



7688DA



B1853A

Square

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



7688DA



D96B75



8B923C



00A1A6

Rectangle

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



7688DA



C86FAB



8B923C



2D9F6E

Sweetspot

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



7688DA



DBE2FF



76DAC8



6A6E80



000000



808080

Same Dimension

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



7688DA



738CFF



9676DA



63656E



001FAD



00082E

Inverse Universe

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



DA7688



FF738C



BADA76



6E6365



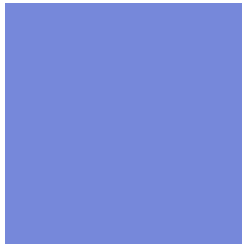
AD001F



2E0008

Previews

White Background



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

Color Contrast Check

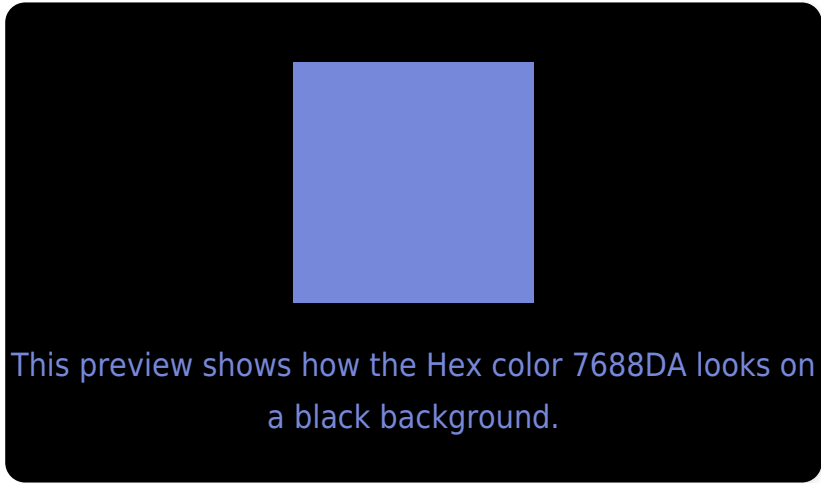
Large Text (above 18pt) WCAG AA ✓ Pass

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

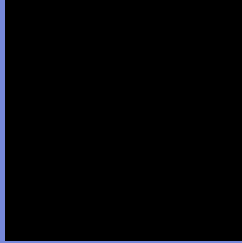
Any Text WCAG AA ✓ Pass

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 7688DA Background



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

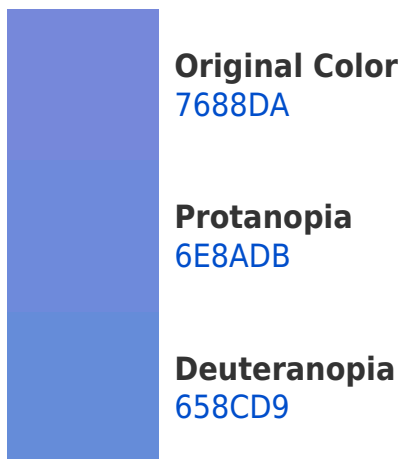


This preview shows how white text looks on a background with the Hex color 7688DA.

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](#).

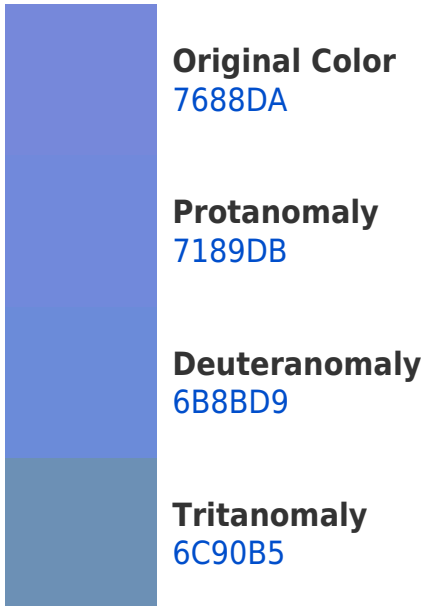
Dichromacy



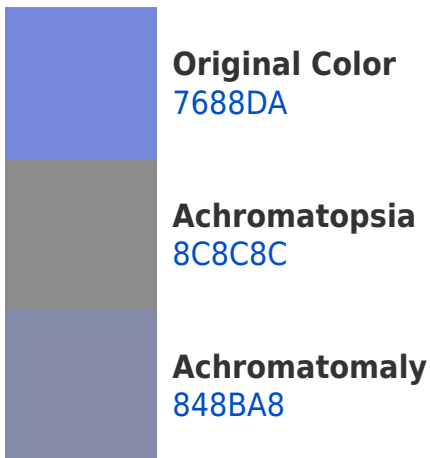


Tritanopia
6694A0

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #7688DA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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