

Converting Colors

Hex(778CA8)

Have a look what the booklet for
Hex(778CA8) contains.

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Color

Hex(778CA8)

Conversions

Conversions Part 1

Format	Color
Hex	778CA8
RGB	119, 140, 168
RGB Percent	47%, 55%, 66%
CMY	0.5333, 0.4510, 0.3412
CMYK	0.29, 0.17, 0.00, 0.34
HSL	214°, 22%, 56%
HSV	214°, 29%, 66%
XYZ	24.0537, 25.5053, 40.7010
YIQ	136.9130, -21.5040, 4.2560

Conversions

Conversions Part 2

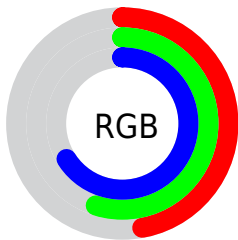
Format	Color
R_{YB}	119, 134, 168
Decimal	7834792
CIE _{Lab}	57.56, -0.82, -17.24
CIE _{LCh}	58, 17.256, 267.266
Yxy	25.5053, 0.2665, 0.2826
Android (android.graphics.Color)	4286024872 (0xFF778CA8)
YUV	136.9130, 15.3259, -15.7097
Hunter-Lab	50.5027, -3.3628, -12.4309

Details

The Hex color **778CA8** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A89377**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **ACC1DF**, and **455A74** is the 20% darker color. If you saturate the color by 10%, you get **6682A8**, and if you desaturate by 10%, it is **8896A8**.

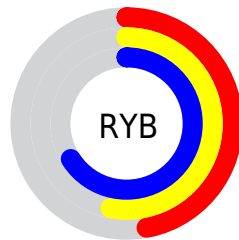
Distribution



Red (47%)

Green (55%)

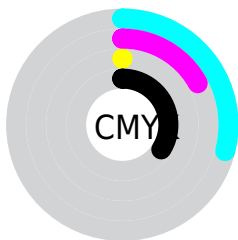
Blue (66%)



Red (47%)

Yellow (53%)

Blue (66%)

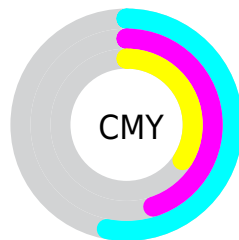


Cyan (29%)

Magenta (17%)

Yellow (0%)

Black (34%)



Cyan (53%)

Magenta (45%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 778CA8 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 778CA8 by changing the saturation by 10% instead.

■ 778CA8

■ 778CA8

FFFFFF

■ 5E738E

■ ACC1DF

■ 455A74

■ C8DDFC

■ 2D435B

■ E4FAFF

■ 152D44

■ 00182D

■ 000119

■ 000000

■ 778CA8

■ 778CA8

■ 6682A8

■ 8896A8

■ 5579A8

■ 999FA8

■ 456FA8

■ A9A9A8

■ 3466A8

■ BAB2A8

■ 235CA8

■ CBBCA8

■ 1252A8

■ DCC6A8

■ 0149A8

■ EDCFA8

■ 0048A8

■ FDD9A8

■ FFE2A8

Harmonies

Analogous

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



6790A3



778CA8



8B87A5

Triad

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



778CA8



A9807D



76917A

Complementary

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



778CA8



A89377

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.



878E6F



778CA8



A48471

Square

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



778CA8



A7808C



97896C



679388

Rectangle

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



778CA8



97849F



97896C



7B9075

Sweetspot

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



778CA8



C8D0DB



77A893



62676E



EDEDED



6E6E6E

Same Dimension

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



778CA8



8FAFDB



7A77A8



4C4F54



003F94



000914

Inverse Universe

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



A8778C



DB8FAF



A5A877



544C4F



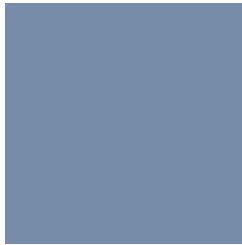
94003F



140009

Previews

White Background



This preview shows how the Hex color 778CA8 looks on a white background.

Color Contrast Check

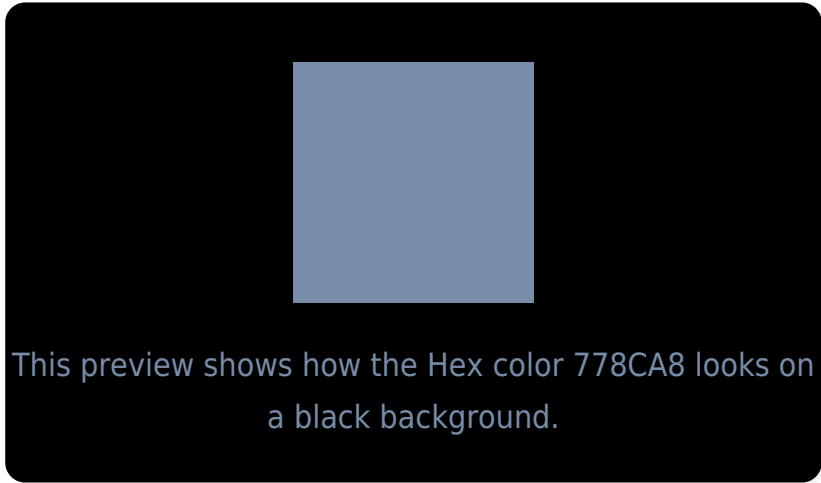
Large Text (above 18pt) WCAG AA ✓ Pass

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

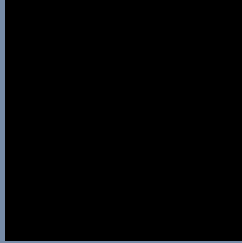
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

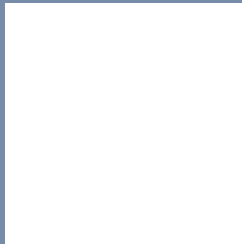
Any Text WCAG AAA × Fail

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

Hex 778CA8 Background



This preview shows how black text looks on a background with the Hex color 778CA8.



This preview shows how white text looks on a background with the Hex color 778CA8.

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

778CA8

Protanopia

8489A6

Deuteranopia

8887A9



Tritanopia
748E9A

Trichromacy



Original Color
778CA8

Protanomaly
7F8AA7

Deuteranomaly
8289A9

Tritanomaly
758D9F

Monochromacy



Original Color
778CA8

Achromatopsia
898989

Achromatomaly
828A94

CSS Examples

Text

The CSS property to change the color of the text to Hex 778CA8 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 #778CA8 looks like.

```
.text, #text, p{  
    color:#778CA8  
}
```

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 #778CA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #778CA8
}
```

Border

The CSS property to change the border of an element to Hex 778CA8 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
#778CA8 }
```

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

```
.border{ border-color:#778CA8 }
```

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

Here you see how a box with a 4 pixel #778CA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #778CA8; -webkit-box-shadow:4px 4px  
4px 4px #778CA8; box-shadow:4px 4px 4px  
4px #778CA8 }
```

Background

The CSS property to change the background color of an element to Hex 778CA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#778CA8 }
```

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

```
.background{ background-color:#778CA8 }
```

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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