

Converting Colors

Hex(7E98D2)

Have a look what the booklet for
Hex(7E98D2) contains.

Hex(7E98D2)	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(7E98D2)

Conversions

Conversions Part 1

Format	Color
Hex	7E98D2
RGB	126, 152, 210
RGB Percent	49%, 60%, 82%
CMY	0.5059, 0.4039, 0.1765
CMYK	0.40, 0.28, 0.00, 0.18
HSL	221°, 48%, 66%
HSV	221°, 40%, 82%
XYZ	31.4653, 31.5452, 65.4032
YIQ	150.8380, -34.1140, 12.5260

Conversions

Conversions Part 2

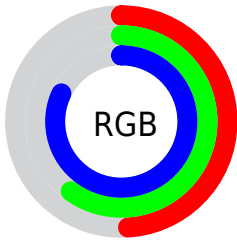
Format	Color
R _Y B	126, 146, 210
Decimal	8296658
CIE Lab	62.97, 5.52, -32.60
CIE LCh	63, 33.067, 279.609
Yxy	31.5452, 0.2450, 0.2457
Android (android.graphics.Color)	4286486738 (0xFF7E98D2)
YUV	150.8380, 29.1669, -21.7829
Hunter-Lab	56.1651, 1.7117, -29.7264

Details

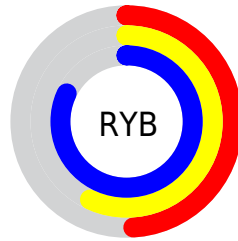
The Hex color **7E98D2** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D2B87E**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B5CEFF**, and **48659B** is the 20% darker color. If you saturate the color by 10%, you get **6989D2**, and if you desaturate by 10%, it is **93A6D2**.

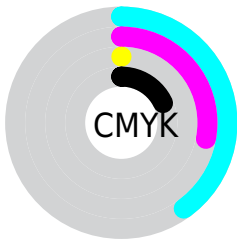
Distribution



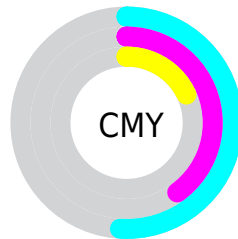
- Red (49%)
- Green (60%)
- Blue (82%)



- Red (49%)
- Yellow (57%)
- Blue (82%)



- Cyan (40%)
- Magenta (28%)
- Yellow (0%)
- Black (18%)



- Cyan (51%)
- Magenta (40%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E98D2 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 7E98D2 by changing the saturation by 10% instead.

7E98D2

7E98D2

FFFFFF

637EB6

B5CEFF

48659B

D2EAFF

2D4E81

FFFFFF

0A3768

00224F

000B38

000222

000008

000000

■ 7E98D2

■ 7E98D2

■ 6989D2

■ 93A6D2

■ 547BD2

■ A8B5D2

■ 3F6CD2

■ BDC3D2

■ 2A5ED2

■ D2D2D2

■ 154FD2

■ E7E1D2

■ 0041D2

■ FCEFD2

■ FFFED2

■ FFFF2

Harmonies

Analogous

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



4DA1CF



7E98D2



A88DC6

Triad

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



7E98D2



CE8674



5FA783

Complementary

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



7E98D2



D2B87E

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.



83A26A



7E98D2



BD9062

Square

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



7E98D2



D28290



A39A5E



39A8A1

Rectangle

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



7E98D2



BD87B7



A39A5E



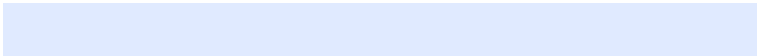
6BA57A

Sweetspot

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



7E98D2



E0EAFF



7ED2B7



6E7380



000000



808080

Same Dimension

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



7E98D2



85AAFF



8D7ED2



5E6169



0034A8



000D29

Inverse Universe

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



D27E98



FF85AA



C3D27E



695E61



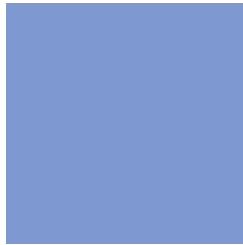
A80034



29000D

Previews

White Background



This preview shows how the Hex color 7E98D2 looks on a white background.

Color Contrast Check

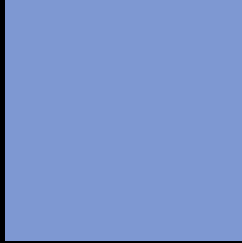
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 7E98D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

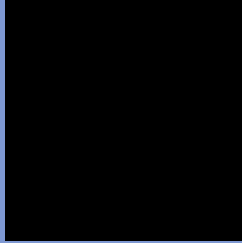
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

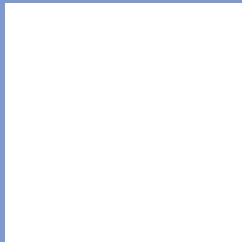
Any Text WCAG AAA ✓ Pass

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

Hex 7E98D2 Background



This preview shows how black text looks on a background with the Hex color 7E98D2.

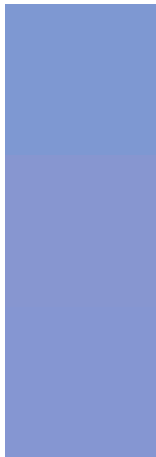


This preview shows how white text looks on a background with the Hex color 7E98D2.

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

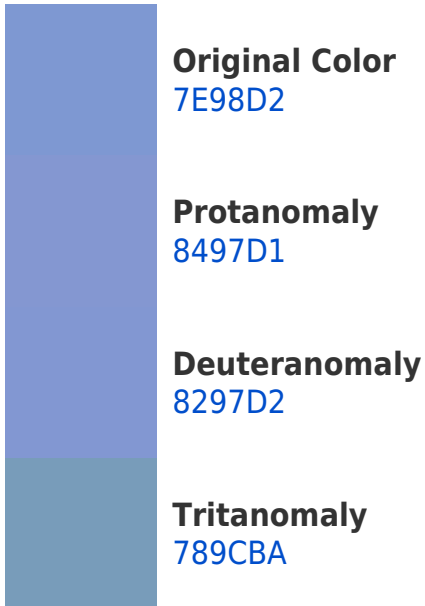


Original Color
7E98D2

Protanopia
8796D0

Deuteranopia
8596D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7E98D2 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 #7E98D2 looks like.

```
.text, #text, p{  
    color:#7E98D2  
}
```

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 #7E98D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E98D2
}
```

Border

The CSS property to change the border of an element to Hex 7E98D2 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
#7E98D2 }
```

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

```
.border{ border-color:#7E98D2 }
```

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

Here you see how a box with a 4 pixel #7E98D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E98D2; -webkit-box-shadow:4px 4px  
4px 4px #7E98D2; box-shadow:4px 4px 4px  
4px #7E98D2 }
```

Background

The CSS property to change the background color of an element to Hex 7E98D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E98D2 }
```

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

```
.background{ background-color:#7E98D2 }
```

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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