

Converting Colors

Hex(7598E1)

Have a look what the booklet for
Hex(7598E1) contains.

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Color

Hex(7598E1)

Conversions

Conversions Part 1

Format	Color
Hex	7598E1
RGB	117, 152, 225
RGB Percent	46%, 60%, 88%
CMY	0.5412, 0.4039, 0.1176
CMYK	0.48, 0.32, 0.00, 0.12
HSL	221°, 64%, 67%
HSV	221°, 48%, 88%
XYZ	32.1550, 31.6746, 75.6532
YIQ	149.8570, -44.2930, 15.2830

Conversions

Conversions Part 2

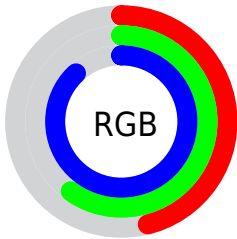
Format	Color
RYB	117, 143, 225
Decimal	7706849
CIELab	63.07, 7.56, -40.81
CIELCh	63, 41.503, 280.501
Yxy	31.6746, 0.2305, 0.2271
Android (android.graphics.Color)	4285896929 (0xFF7598E1)
YUV	149.8570, 37.0455, -28.8156
Hunter-Lab	56.2802, 3.4933, -40.3029

Details

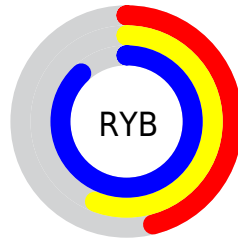
The Hex color **7598E1** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E1BE75**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **AECEFF**, and **3B65A9** is the 20% darker color. If you saturate the color by 10%, you get **5F89E1**, and if you desaturate by 10%, it is **8BA7E1**.

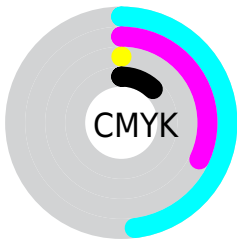
Distribution



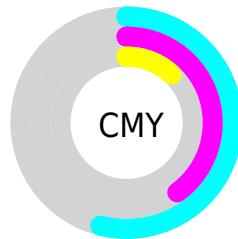
- Red (46%)
- Green (60%)
- Blue (88%)



- Red (46%)
- Yellow (56%)
- Blue (88%)



- Cyan (48%)
- Magenta (32%)
- Yellow (0%)
- Black (12%)



- Cyan (54%)
- Magenta (40%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7598E1 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 7598E1 by changing the saturation by 10% instead.

■ 7598E1

■ 7598E1

FFFFFF

■ 597EC5

■ AECEFF

■ 3B65A9

■ CBEAFF

■ 184E8F

■ E8FFFF

■ 003775

■ 00235C

■ 000C44

■ 00032D

■ 000117

■ 000000

 7598E1


 7598E1

 5F89E1

 8BA7E1

 487AE1

 A2B6E1

 316AE1

 B9C6E1

 1B5BE1

 CFD5E1

 054CE1

 E6E4E1

 0049E1

 FCF3E1

 FFFFE1

Harmonies

Analogous

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



16A3DE



7598E1



AD8AD1

Triad

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



7598E1



D9816A



48AA7F

Complementary

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



7598E1



E1BE75

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.



7BA45F



7598E1



C48E53

Square

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



7598E1



DF7B8D



A39B4E



00ACA5

Rectangle

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



7598E1



C781BE



A39B4E



5BA973

Sweetspot

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



7598E1



DBE7FF



75E1BD



6A7180



000000



808080

Same Dimension

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



7598E1



6B9BFF



8775E1



656970



0039B0



001030

Inverse Universe

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



E17598



FF6B9B



CFE175



706569



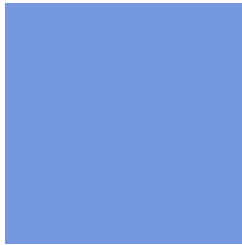
B00039



300010

Previews

White Background



This preview shows how the Hex color 7598E1 looks on a white background.

Color Contrast Check

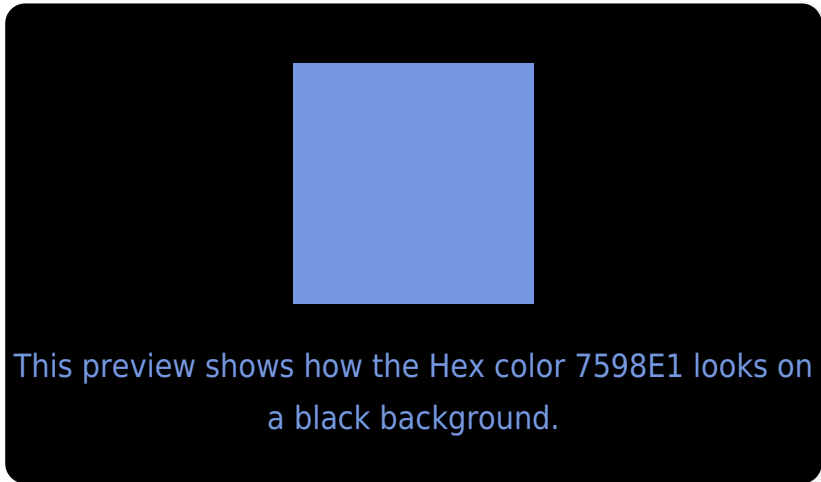
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

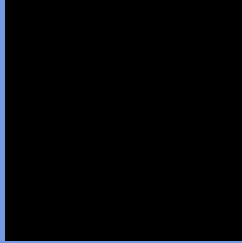
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

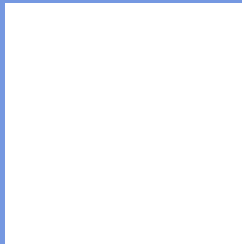
Any Text WCAG AAA ✓ Pass

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

Hex 7598E1 Background



This preview shows how black text looks on a background with the Hex color 7598E1.



This preview shows how white text looks on a background with the Hex color 7598E1.

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](#).

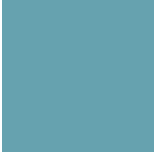
Dichromacy



Original Color
7598E1

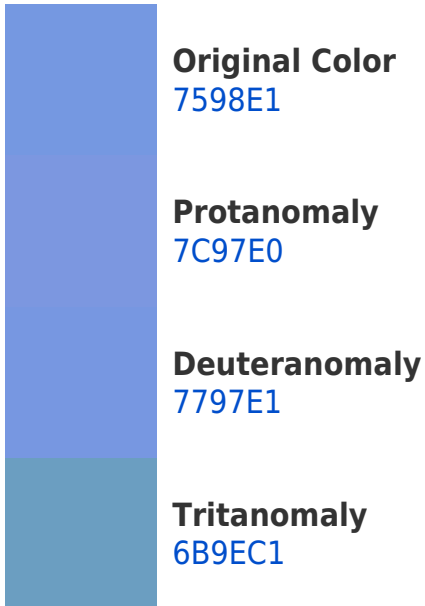
Protanopia
8096DF

Deuteranopia
7897E1

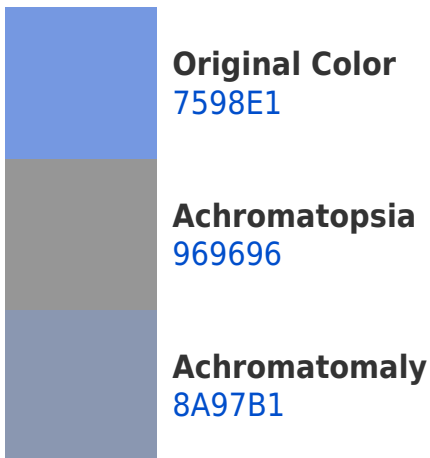


Tritanopia
66A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7598E1 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 #7598E1 looks like.

```
.text, #text, p{  
    color:#7598E1  
}
```

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 #7598E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7598E1
}
```

Border

The CSS property to change the border of an element to Hex 7598E1 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
#7598E1 }
```

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

```
.border{ border-color:#7598E1 }
```

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

Here you see how a box with a 4 pixel #7598E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7598E1; -webkit-box-shadow:4px 4px  
4px 4px #7598E1; box-shadow:4px 4px 4px  
4px #7598E1 }
```

Background

The CSS property to change the background color of an element to Hex 7598E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7598E1 }
```

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

```
.background{ background-color:#7598E1 }
```

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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