

Converting Colors

Hex(7598D5)

Have a look what the booklet for
Hex(7598D5) contains.

Hex(7598D5)	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(7598D5)

Conversions

Conversions Part 1

Format	Color
Hex	7598D5
RGB	117, 152, 213
RGB Percent	46%, 60%, 84%
CMY	0.5412, 0.4039, 0.1647
CMYK	0.45, 0.29, 0.00, 0.16
HSL	218°, 53%, 65%
HSV	218°, 45%, 84%
XYZ	30.5746, 31.0425, 67.3311
YIQ	148.4890, -40.4410, 11.5510

Conversions

Conversions Part 2

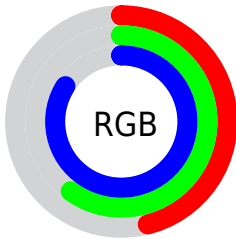
Format	Color
RYB	117, 143, 213
Decimal	7706837
CIELab	62.54, 4.04, -34.97
CIELCh	63, 35.205, 276.594
Yxy	31.0425, 0.2371, 0.2407
Android (android.graphics.Color)	4285896917 (0xFF7598D5)
YUV	148.4890, 31.8039, -27.6159
Hunter-Lab	55.7158, 0.4511, -32.6495

Details

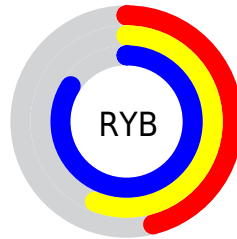
The Hex color **7598D5** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D5B275**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **ADCEFF**, and **3D659E** is the 20% darker color. If you saturate the color by 10%, you get **608AD5**, and if you desaturate by 10%, it is **8AA6D5**.

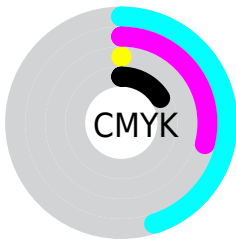
Distribution



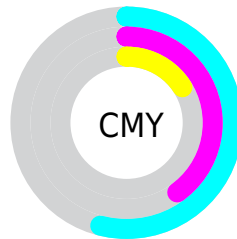
- Red (46%)
- Green (60%)
- Blue (84%)



- Red (46%)
- Yellow (56%)
- Blue (84%)



- Cyan (45%)
- Magenta (29%)
- Yellow (0%)
- Black (16%)



- Cyan (54%)
- Magenta (40%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7598D5 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 7598D5 by changing the saturation by 10% instead.

 7598D5

 7598D5

FFFFFF

 597EB9

 ADCEFF

 3D659E

 C9EAFF

 1E4E84

 E6FFFF

 00376A

 002252

 000B3A

 000224

 00000C

 000000

■ 7598D5

■ 7598D5

■ 608AD5

■ 8AA6D5

■ 4A7DD5

■ A0B3D5

■ 356FD5

■ B5C1D5

■ 2062D5

■ CACED5

■ 0B54D5

■ E0DCD5

■ 004ED5

■ F5E9D5

■ FFF7D5

■ FFFFD5

Harmonies

Analogous

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



3CA1D0



7598D5



A48DC9

Triad

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



7598D5



D18374



5DA67D

Complementary

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



7598D5



D5B275

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.



83A064



7598D5



C08D5E

Square

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



7598D5



D37F91



A59858



2FA89D

Rectangle

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



7598D5



BB85BA



A59858



6AA474

Sweetspot

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



7598D5



DBE8FF



75D5B2



6A7280



000000



808080

Same Dimension

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



7598D5



75A8FF



8275D5



60646B



003EAB



00102B

Inverse Universe

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



D57598



FF75A8



C8D575



6B6064



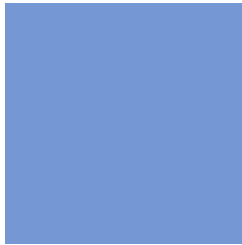
AB003E



2B0010

Previews

White Background



This preview shows how the Hex color 7598D5 looks on a white background.

Color Contrast Check

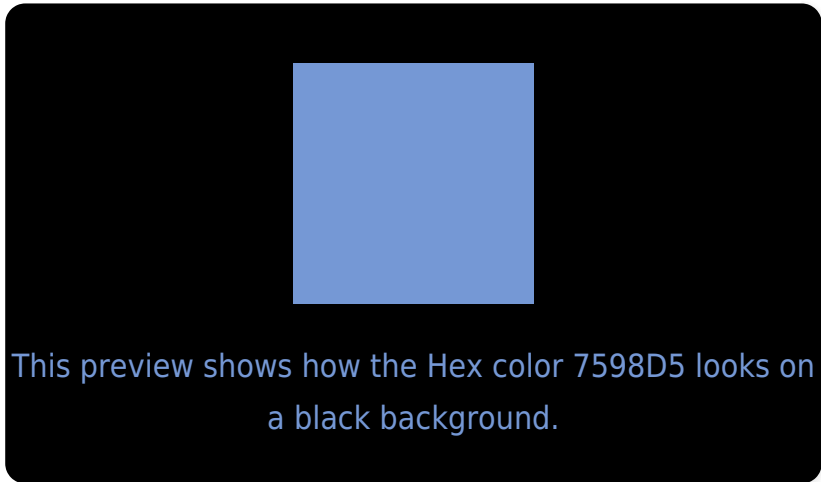
Large Text (above 18pt) WCAG AA × Fail

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

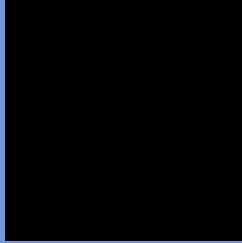
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

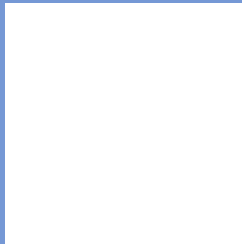
Any Text WCAG AAA ✓ Pass

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

Hex 7598D5 Background



This preview shows how black text looks on a background with the Hex color 7598D5.



This preview shows how white text looks on a background with the Hex color 7598D5.

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](#).

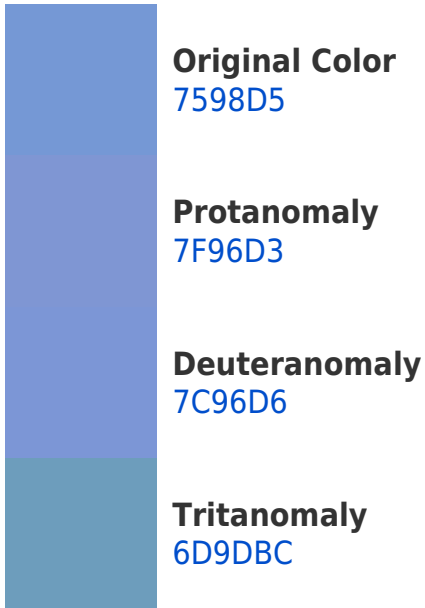
Dichromacy



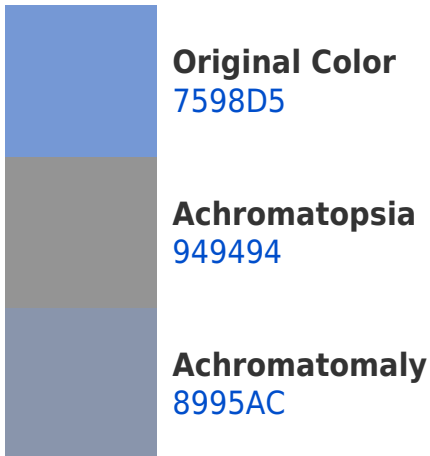


Tritanopia
69A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7598D5 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 #7598D5 looks like.

```
.text, #text, p{  
    color:#7598D5  
}
```

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 #7598D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7598D5
}
```

Border

The CSS property to change the border of an element to Hex 7598D5 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
#7598D5 }
```

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

```
.border{ border-color:#7598D5 }
```

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

Here you see how a box with a 4 pixel #7598D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7598D5; -webkit-box-shadow:4px 4px  
4px 4px #7598D5; box-shadow:4px 4px 4px  
4px #7598D5 }
```

Background

The CSS property to change the background color of an element to Hex 7598D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7598D5 }
```

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

```
.background{ background-color:#7598D5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor