

# Converting Colors

Hex(7594D0)

Have a look what the booklet for  
Hex(7594D0) contains.

<b>Hex(7594D0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(7594D0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7594D0
RGB	117, 148, 208
RGB Percent	46%, 58%, 82%
CMY	0.5412, 0.4196, 0.1843
CMYK	0.44, 0.29, 0.00, 0.18
HSL	220°, 49%, 64%
HSV	220°, 44%, 82%
XYZ	29.3112, 29.5158, 63.8268
YIQ	145.5710, -37.7360, 12.0880

# Conversions

## Conversions Part 2

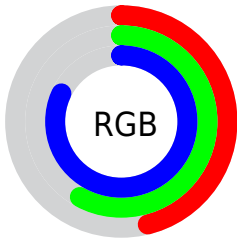
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 140, 208
Decimal	7705808
CIE <sub>Lab</sub>	61.23, 4.90, -34.22
CIE <sub>LCh</sub>	61, 34.570, 278.150
Yxy	29.5158, 0.2390, 0.2406
Android (android.graphics.Color)	4285895888 (0xFF7594D0)
YUV	145.5710, 30.7775, -25.0568
Hunter-Lab	54.3284, 1.2293, -31.6259

# Details

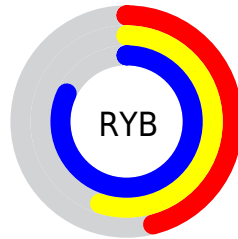
The Hex color **7594D0** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D0B175**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **ACCAFF**, and **3E6299** is the 20% darker color. If you saturate the color by 10%, you get **6086D0**, and if you desaturate by 10%, it is **8AA2D0**.

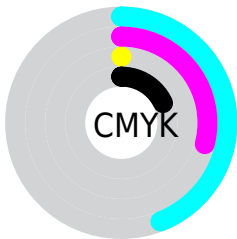
# Distribution



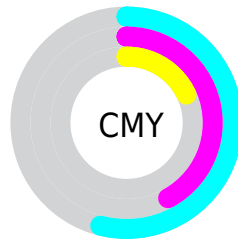
- Red (46%)
- Green (58%)
- Blue (82%)



- Red (46%)
- Yellow (55%)
- Blue (82%)



- Cyan (44%)
- Magenta (29%)
- Yellow (0%)
- Black (18%)



- Cyan (54%)
- Magenta (42%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7594D0 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 7594D0 by changing the saturation by 10% instead.



 7594D0

 7594D0

FFFFFF

 5A7AB4

 ACCAFF

 3E6299

 C9E6FF

 204A7F

 E6FFFF

 003466

 001F4D

 000536

 000220

 000005

 000000

■ 7594D0

■ 7594D0

■ 6086D0

■ 8AA2D0

■ 4B79D0

■ 9FAFD0

■ 376BD0

■ B3BDD0

■ 225DD0

■ C8CBD0

■ 0D4FD0

■ DDD9D0

■ 0047D0

■ F2E6D0

■ FFF4D0

■ FFFF00

# Harmonies

## Analogous

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



3E9DCC



7594D0



A289C4

# Triad

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



7594D0



CC8070



59A27C

# Complementary

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



7594D0



D0B175

# 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.



7F9D63



7594D0



BB8A5C

# Square

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



7594D0



CF7C8C



A09556



2BA49B

# Rectangle

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



7594D0



B982B4



A09556



66A173



# Sweetspot

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



7594D0



DEE9FF



75D0B0



6B7280



000000



808080

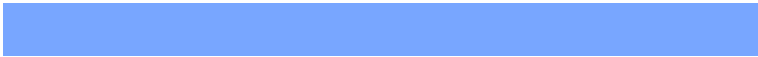


# Same Dimension

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



7594D0



78A6FF



8375D0



5E6269



0039A8



000E29



# Inverse Universe

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



D07594



FF78A6



C2D075



695E62



A80039

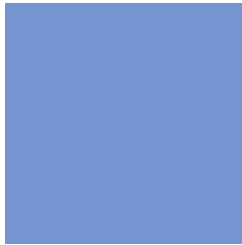


29000E



# Previews

## White Background



This preview shows how the Hex color 7594D0 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



This preview shows how the Hex color 7594D0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

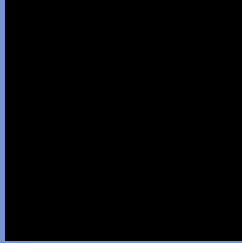
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

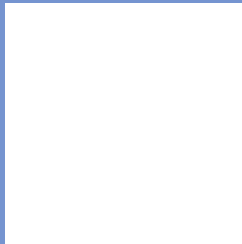
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7594D0 Background



This preview shows how black text looks on a background with the Hex color 7594D0.



This preview shows how white text looks on a background with the Hex color 7594D0.

# 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](#).

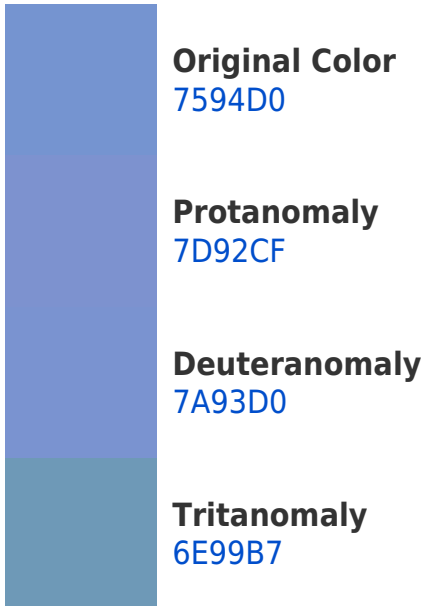
## Dichromacy



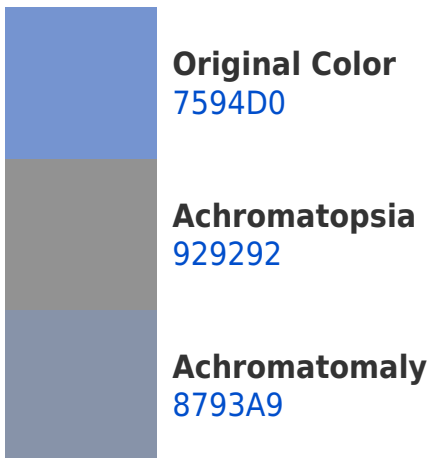


**Tritanopia**  
6A9CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7594D0 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 #7594D0 looks like.

```
.text, #text, p{  
    color:#7594D0  
}
```

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 #7594D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7594D0
}
```

## Border

The CSS property to change the border of an element to Hex 7594D0 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
#7594D0 }
```

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

```
.border{ border-color:#7594D0 }
```

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

Here you see how a box with a 4 pixel #7594D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7594D0; -webkit-box-shadow:4px 4px  
4px 4px #7594D0; box-shadow:4px 4px 4px  
4px #7594D0 }
```

# Background

The CSS property to change the background color of an element to Hex 7594D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7594D0 }
```

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

```
.background{ background-color:#7594D0 }
```

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