

# Converting Colors

Hex(7585D6)

Have a look what the booklet for  
Hex(7585D6) contains.

<b>Hex(7585D6)</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(7585D6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7585D6
RGB	117, 133, 214
RGB Percent	46%, 52%, 84%
CMY	0.5412, 0.4784, 0.1608
CMYK	0.45, 0.38, 0.00, 0.16
HSL	230°, 54%, 65%
HSV	230°, 45%, 84%
XYZ	27.8612, 25.4120, 67.0549
YIQ	137.4500, -35.5370, 21.7990

# Conversions

## Conversions Part 2

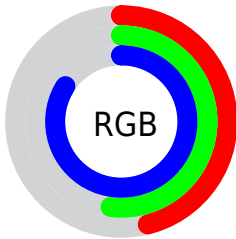
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 131, 214
Decimal	7701974
CIE <sub>Lab</sub>	57.47, 15.44, -43.48
CIE <sub>LCh</sub>	57, 46.138, 289.552
Yxy	25.4120, 0.2315, 0.2112
Android (android.graphics.Color)	4285892054 (0xFF7585D6)
YUV	137.4500, 37.7392, -17.9346
Hunter-Lab	50.4103, 10.4370, -43.5793

# Details

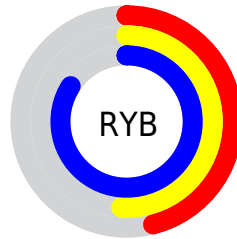
The Hex color **7585D6** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **D6C675**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **ADBAFF**, and **3D549F** is the 20% darker color. If you saturate the color by 10%, you get **6073D6**, and if you desaturate by 10%, it is **8A97D6**.

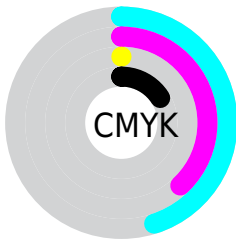
# Distribution



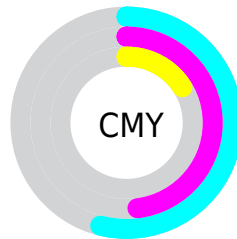
- Red (46%)
- Green (52%)
- Blue (84%)



- Red (46%)
- Yellow (51%)
- Blue (84%)



- Cyan (45%)
- Magenta (38%)
- Yellow (0%)
- Black (16%)



- Cyan (54%)
- Magenta (48%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7585D6 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 7585D6 by changing the saturation by 10% instead.



 7585D6

 7585D6

FFFFFF

 596CBA

 ADBAFF

 3D549F

 CAD6FF

 1D3D84

 E7F2FF

 00286B

 001452

 00023A

 000224

 00000B

 000000

 7585D6

 7585D6

 6073D6

 8A97D6

 4A61D6

 A0A9D6

 354FD6

 B5BBD6

 1F3ED6

 CBCCD6

 0A2CD6

 E0DED6

 0023D6

 F5F0D6

 FFFFD6

# Harmonies

## Analogous

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



0092D9



7585D6



AE75BF

# Triad

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



7585D6



C9744E



009D7A

# Complementary

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



7585D6



D6C675

# 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.



589954



7585D6



AD8338

# Square

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



7585D6



D56971



87903A



009EA4

# Rectangle

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



7585D6



C56CA7



87903A



289C6C



# Sweetspot

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



7585D6



DBE1FF



75D6C6



6A6D80



000000



808080



# Same Dimension

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



7585D6



758CFF



9575D6



60626B



001CAB



00072B



# Inverse Universe

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



D67585



FF758C



B6D675



6B6062



AB001C

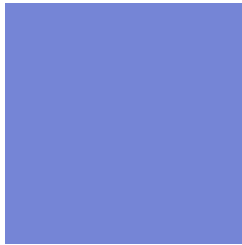


2B0007



# Previews

## White Background



This preview shows how the Hex color 7585D6 looks on a white background.

## Color Contrast Check

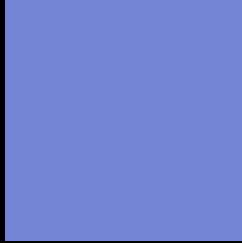
Large Text (above 18pt) WCAG AA ✓ Pass

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 7585D6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

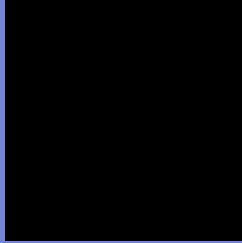
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7585D6 Background



This preview shows how black text looks on a background with the Hex color 7585D6.




This preview shows how white text looks on a background with the Hex color 7585D6.

# 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](#).

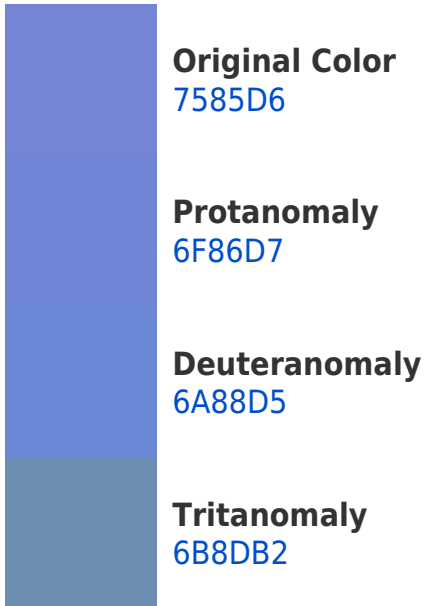
## Dichromacy



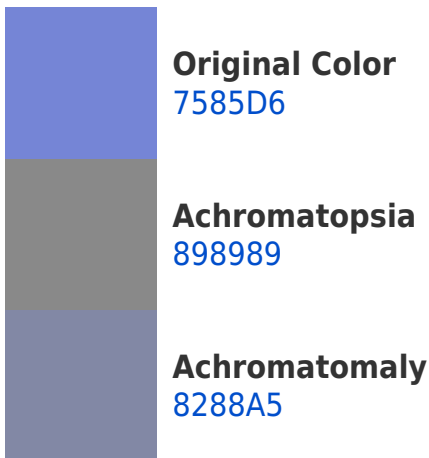


**Tritanopia**  
65919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7585D6 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 #7585D6 looks like.

```
.text, #text, p{  
    color:#7585D6  
}
```

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 #7585D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7585D6  
}
```

## Border

The CSS property to change the border of an element to Hex 7585D6 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  
#7585D6 }
```

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

```
.border{ border-color:#7585D6 }
```

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

Here you see how a box with a 4 pixel #7585D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7585D6; -webkit-box-shadow:4px 4px  
4px 4px #7585D6; box-shadow:4px 4px 4px  
4px #7585D6 }
```

# Background

The CSS property to change the background color of an element to Hex 7585D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7585D6 }
```

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

```
.background{ background-color:#7585D6 }
```

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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