

Converting Colors

Hex(7585B1)

Have a look what the booklet for
Hex(7585B1) contains.

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Color

Hex(7585B1)

Conversions

Conversions Part 1

Format	Color
Hex	7585B1
RGB	117, 133, 177
RGB Percent	46%, 52%, 69%
CMY	0.5412, 0.4784, 0.3059
CMYK	0.34, 0.25, 0.00, 0.31
HSL	224°, 28%, 58%
HSV	224°, 34%, 69%
XYZ	23.6595, 23.7313, 44.9286
YIQ	133.2320, -23.6600, 10.2920

Conversions

Conversions Part 2

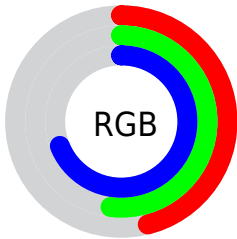
Format	Color
RYB	117, 130, 177
Decimal	7701937
CIELab	55.82, 4.97, -25.07
CIELCh	56, 25.560, 281.208
Yxy	23.7313, 0.2563, 0.2571
Android (android.graphics.Color)	4285892017 (0xFF7585B1)
YUV	133.2320, 21.5776, -14.2355
Hunter-Lab	48.7148, 1.4418, -20.5815

Details

The Hex color **7585B1** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **B1A175**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **ABBAE9**, and **42547C** is the 20% darker color. If you saturate the color by 10%, you get **6378B1**, and if you desaturate by 10%, it is **8792B1**.

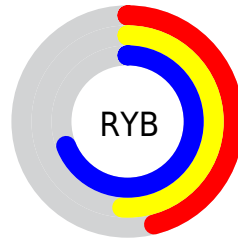
Distribution



Red (46%)

Green (52%)

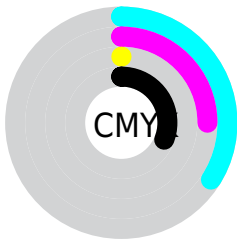
Blue (69%)



Red (46%)

Yellow (51%)

Blue (69%)

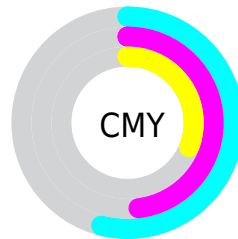


Cyan (34%)

Magenta (25%)

Yellow (0%)

Black (31%)



Cyan (54%)

Magenta (48%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7585B1 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 7585B1 by changing the saturation by 10% instead.

■ 7585B1

■ 7585B1

FFFFFF

■ 5B6C96

■ ABBAE9

■ 42547C

■ C6D6FF

■ 293D63

■ E3F2FF

■ 0E274B

■ 001334

■ 00021F

■ 000002

■ 000000

■ 7585B1

■ 7585B1

■ 6378B1

■ 8792B1

■ 526BB1

■ 989FB1

■ 405EB1

■ AAACB1

■ 2E51B1

■ BCB9B1

■ 1D44B1

■ CEC6B1

■ 0B37B1

■ DFD3B1

■ 002FB1

■ F1E0B1

■ FFEDB1

■ FFFAB1

Harmonies

Analogous

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



548CAF



7585B1



937DA7

Triad

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



7585B1



AF796A



5A9177

Complementary

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



7585B1



B1A175

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.



748D64



7585B1



A2805C

Square

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



7585B1



B2757E



8D875A



44928E

Rectangle

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



7585B1



A3799B



8D875A



639070

Sweetspot

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



7585B1



CFD5E6



75B1A1



656973



F2F2F2



737373

Same Dimension

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



7585B1



87A0E6



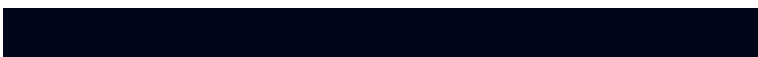
8275B1



505359



002999



00071A

Inverse Universe

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



B17585



E687A0



A3B175



595053



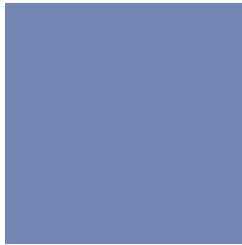
990029



1A0007

Previews

White Background



This preview shows how the Hex color 7585B1 looks on a white background.

Color Contrast Check

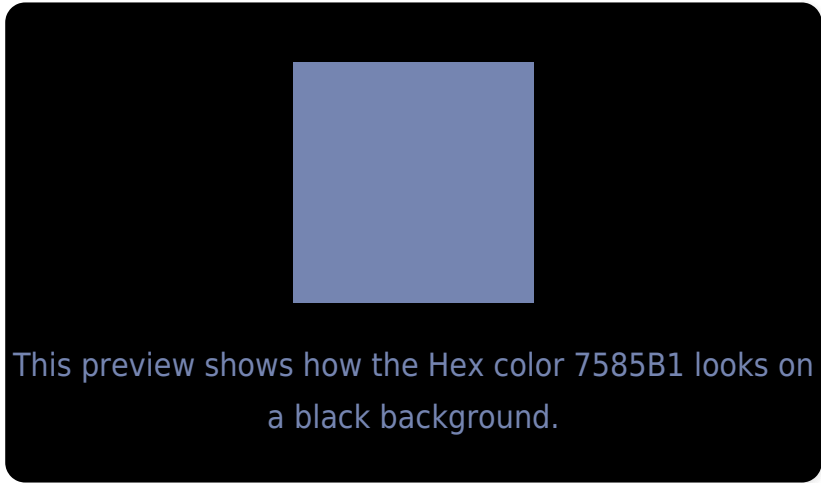
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

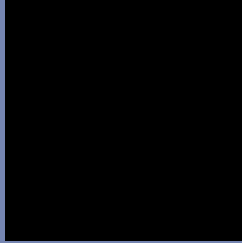
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

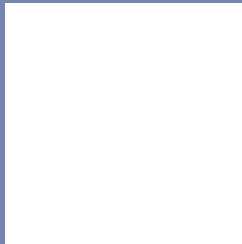
Any Text WCAG AAA × Fail

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

Hex 7585B1 Background



This preview shows how black text looks on a background with the Hex color 7585B1.



This preview shows how white text looks on a background with the Hex color 7585B1.

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
7585B1

Protanopia
7984B0

Deuteranopia
7A83B1



Tritanopia
6F8A95

Trichromacy



Original Color
7585B1

Protanomaly
7884B0

Deuteranomaly
7884B1

Tritanomaly
71889F

Monochromacy



Original Color
7585B1

Achromatopsia
858585

Achromatomaly
7F8595

CSS Examples

Text

The CSS property to change the color of the text to Hex 7585B1 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 #7585B1 looks like.

```
.text, #text, p{  
    color:#7585B1  
}
```

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 #7585B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7585B1
}
```

Border

The CSS property to change the border of an element to Hex 7585B1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

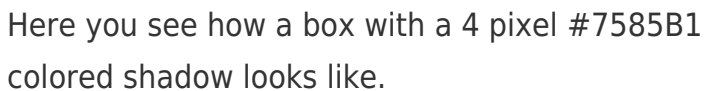
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7585B1 }
```

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

```
.border{ border-color:#7585B1 }
```

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



Here you see how a box with a 4 pixel #7585B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7585B1; -webkit-box-shadow:4px 4px  
4px 4px #7585B1; box-shadow:4px 4px 4px  
4px #7585B1 }
```

Background

The CSS property to change the background color of an element to Hex 7585B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7585B1 }
```

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

```
.background{ background-color:#7585B1 }
```

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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