

# Converting Colors

Hex(7582BB)

Have a look what the booklet for  
Hex(7582BB) contains.

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# Color

**Hex(7582BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7582BB
RGB	117, 130, 187
RGB Percent	46%, 51%, 73%
CMY	0.5412, 0.4902, 0.2667
CMYK	0.37, 0.30, 0.00, 0.27
HSL	229°, 34%, 60%
HSV	229°, 37%, 73%
XYZ	24.2884, 23.3350, 50.2377
YIQ	132.6110, -26.0450, 14.9710

# Conversions

## Conversions Part 2

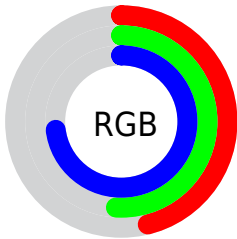
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 128, 187
Decimal	7701179
CIELab	55.42, 9.46, -31.41
CIELCh	55, 32.808, 286.765
Yxy	23.3350, 0.2482, 0.2385
Android (android.graphics.Color)	4285891259 (0xFF7582BB)
YUV	132.6110, 26.8138, -13.6908
Hunter-Lab	48.3063, 5.2136, -27.8460

# Details

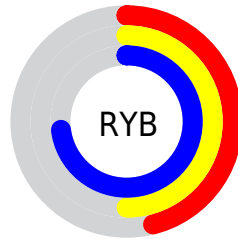
The Hex color **7582BB** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **BBAE75**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **ABB7F3**, and **415185** is the 20% darker color. If you saturate the color by 10%, you get **6273BB**, and if you desaturate by 10%, it is **8891BB**.

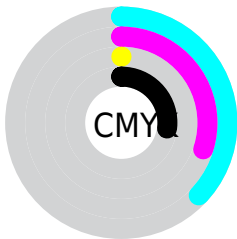
# Distribution



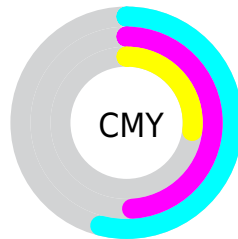
- Red (46%)
- Green (51%)
- Blue (73%)



- Red (46%)
- Yellow (50%)
- Blue (73%)



- Cyan (37%)
- Magenta (30%)
- Yellow (0%)
- Black (27%)



- Cyan (54%)
- Magenta (49%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7582BB 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 7582BB by changing the saturation by 10% instead.



■ 7582BB

■ 7582BB

FFFFFF

■ 5B69A0

■ ABB7F3

■ 415185

■ C7D2FF

■ 273A6C

■ E4EFFF

■ 062553

■ 00103C

■ 000226

■ 00010F

■ 000000

■ 7582BB

■ 7582BB

■ 6273BB

■ 8891BB

■ 5064BB

■ 9AA0BB

■ 3D54BB

■ ADB0BB

■ 2A45BB

■ C0BFBB

■ 1736BB

■ D3CEBB

■ 0527BB

■ E5DDBB

■ 0023BB

■ F8EDBB

■ FFFCBB

■ FFFFBB

# Harmonies

## Analogous

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



438BBC



7582BB



9C78AC

# Triad

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



7582BB



B5755C



429377

# Complementary

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



7582BB



BBAE75

# 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.



678F5D



7582BB



A27F4D

# Square

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



7582BB



BC6F76



87884D



0B9494

# Rectangle

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



7582BB



AE729C



87884D



4F926D



# Sweetspot

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



7582BB



D8DDF2



75BBAD



6A6D7A



FAFAFA



7A7A7A



# Same Dimension

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



7582BB



8599F2



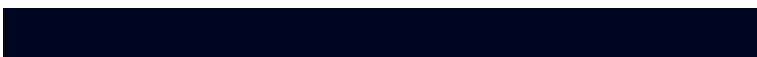
8A75BB



55575E



001D9E



00061F



# Inverse Universe

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



BB7582



F28599



A6BB75



5E5557



9E001D

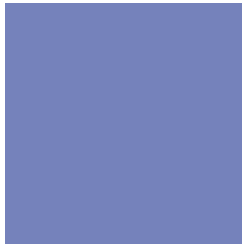


1F0006



# Previews

## White Background



This preview shows how the Hex color 7582BB looks on a white background.

## Color Contrast Check

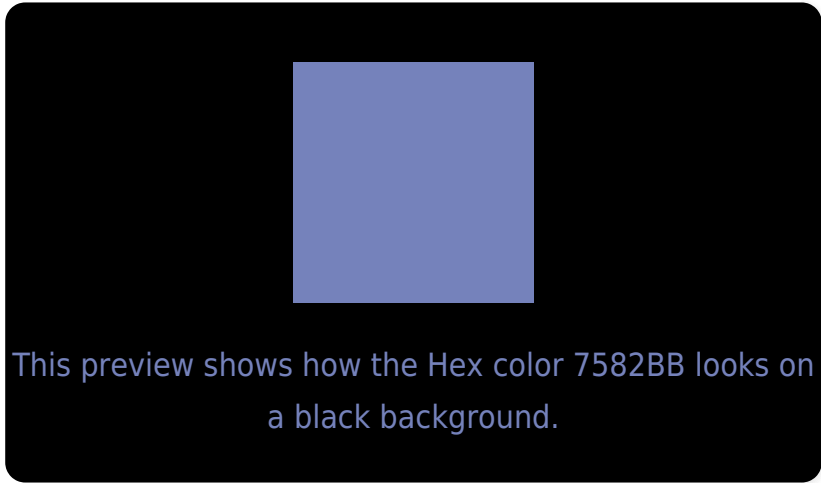
Large Text (above 18pt) WCAG AA ✓ Pass

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

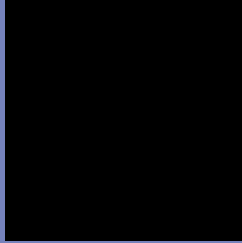
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7582BB Background



This preview shows how black text looks on a background with the Hex color 7582BB.



This preview shows how white text looks on a background with the Hex color 7582BB.

# 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**


7582BB

**Protanopia**

7383BB

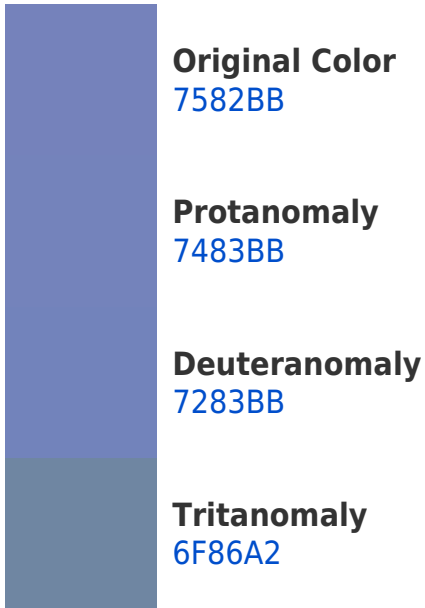
**Deuteranopia**

7183BB



**Tritanopia**  
6C8994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7582BB 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 #7582BB looks like.

```
.text, #text, p{  
    color:#7582BB  
}
```

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 #7582BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7582BB
}
```

## Border

The CSS property to change the border of an element to Hex 7582BB 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
#7582BB }
```

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

```
.border{ border-color:#7582BB }
```

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

Here you see how a box with a 4 pixel #7582BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7582BB; -webkit-box-shadow:4px 4px  
4px 4px #7582BB; box-shadow:4px 4px 4px  
4px #7582BB }
```

# Background

The CSS property to change the background color of an element to Hex 7582BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7582BB }
```

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

```
.background{ background-color:#7582BB }
```

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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