

# Converting Colors

Hex(7C75B7)

Have a look what the booklet for  
Hex(7C75B7) contains.

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# Color

Hex(7C75B7)

# Conversions

## Conversions Part 1

Format	Color
Hex	7C75B7
RGB	124, 117, 183
RGB Percent	49%, 46%, 72%
CMY	0.5137, 0.5412, 0.2824
CMYK	0.32, 0.36, 0.00, 0.28
HSL	246°, 31%, 59%
HSV	246°, 36%, 72%
XYZ	23.2207, 20.4266, 47.5186
YIQ	126.6170, -17.0140, 22.0100

# Conversions

## Conversions Part 2

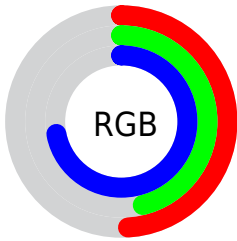
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 117, 183
Decimal	8156599
CIELab	52.32, 18.11, -33.92
CIELCh	52, 38.448, 298.093
Yxy	20.4266, 0.2547, 0.2241
Android (android.graphics.Color)	4286346679 (0xFF7C75B7)
YUV	126.6170, 27.7968, -2.2951
Hunter-Lab	45.1958, 12.6173, -30.7002

# Details

The Hex color **7C75B7** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B0B775**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B2A9EF**, and **484582** is the 20% darker color. If you saturate the color by 10%, you get **6C63B7**, and if you desaturate by 10%, it is **8C87B7**.

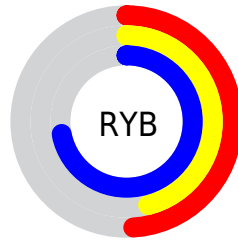
# Distribution



Red (49%)

Green (46%)

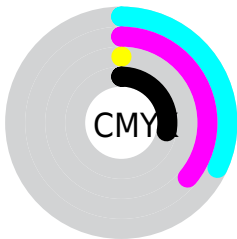
Blue (72%)



Red (49%)

Yellow (46%)

Blue (72%)

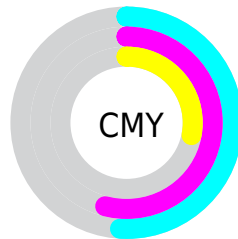


Cyan (32%)

Magenta (36%)

Yellow (0%)

Black (28%)



Cyan (51%)

Magenta (54%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C75B7 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 7C75B7 by changing the saturation by 10% instead.



■ 7C75B7

■ 7C75B7

FFFFFF

■ 625C9C

■ B2A9EF

■ 484582

■ CEC4FF

■ 2F2F68

■ EBE0FF

■ 141A50

■ FFFDFF

■ 000039

■ 000222

■ 000008

■ 000000

■ 7C75B7

■ 7C75B7

6C63B7

8C87B7

5B50B7

9D9AB7

4B3EB7

ADACB7

3B2CB7

BDBEB7

2A1AB7

CED1B7

1A07B7

DEE3B7

1300B7

EFF5B7

FFFFB7

# Harmonies

## Analogous

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



3E81BE



7C75B7



A469A0

# Triad

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



7C75B7



AC6E45



008E7A

# Complementary

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



7C75B7



B0B775

# 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.



488A59



7C75B7



927A39

# Square

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



7C75B7



BA6460



718441



008D9B

# Rectangle

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



7C75B7



B3638B



718441



1F8D6E



# Sweetspot

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



7C75B7



D6D3ED



75B0B7



6A6878



F7F7F7



787878



# Same Dimension

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



7C75B7



9287ED



9D75B7



54535C



10009C



03001C



# Inverse Universe

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



B775B0



ED87E2



8FB775



5C535B



9C008B



1C0019



# Previews

## White Background



This preview shows how the Hex color 7C75B7 looks on a white background.

## Color Contrast Check

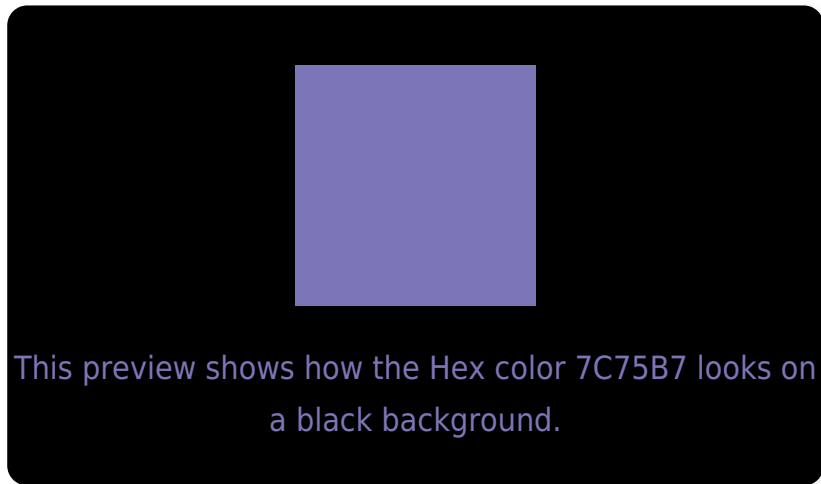
Large Text (above 18pt) WCAG AA ✓ Pass

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

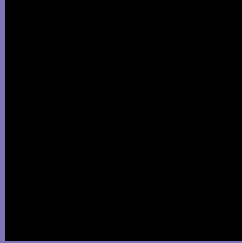
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7C75B7 Background



This preview shows how black text looks on a background with the Hex color 7C75B7.



This preview shows how white text looks on a background with the Hex color 7C75B7.

# 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**  
7C75B7

**Protanopia**  
667BBC

**Deuteranopia**  
657CB6



**Tritanopia**  
727F89

# Trichromacy



**Original Color**

7C75B7

**Protanomaly**

6E79BA

**Deuteranomaly**

6D79B6

**Tritanomaly**

767B9A

# Monochromacy



**Original Color**

7C75B7

**Achromatopsia**

7F7F7F

**Achromatomaly**

7E7B93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C75B7 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 #7C75B7 looks like.

```
.text, #text, p{  
    color:#7C75B7  
}
```

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 #7C75B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C75B7
}
```

## Border

The CSS property to change the border of an element to Hex 7C75B7 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
#7C75B7 }
```

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

```
.border{ border-color:#7C75B7 }
```

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

Here you see how a box with a 4 pixel #7C75B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C75B7; -webkit-box-shadow:4px 4px  
4px 4px #7C75B7; box-shadow:4px 4px 4px  
4px #7C75B7 }
```

# Background

The CSS property to change the background color of an element to Hex 7C75B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C75B7 }
```

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

```
.background{ background-color:#7C75B7 }
```

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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