

Converting Colors

Hex(7C75B5)

Have a look what the booklet for
Hex(7C75B5) contains.

Hex(7C75B5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7C75B5)

Conversions

Conversions Part 1

Format	Color
Hex	7C75B5
RGB	124, 117, 181
RGB Percent	49%, 46%, 71%
CMY	0.5137, 0.5412, 0.2902
CMYK	0.31, 0.35, 0.00, 0.29
HSL	247°, 30%, 58%
HSV	247°, 35%, 71%
XYZ	23.0140, 20.3439, 46.4299
YIQ	126.3890, -16.3720, 21.3880

Conversions

Conversions Part 2

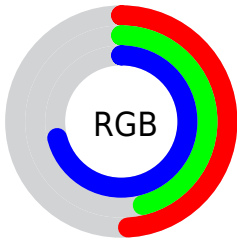
Format	Color
RYB	124, 117, 181
Decimal	8156597
CIELab	52.22, 17.57, -32.91
CIELCh	52, 37.307, 298.101
Yxy	20.3439, 0.2563, 0.2266
Android (android.graphics.Color)	4286346677 (0xFF7C75B5)
YUV	126.3890, 26.9232, -2.0952
Hunter-Lab	45.1042, 12.1456, -29.4597

Details

The Hex color **7C75B5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AEB575**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B2A9ED**, and **494580** is the 20% darker color. If you saturate the color by 10%, you get **6C63B5**, and if you desaturate by 10%, it is **8C87B5**.

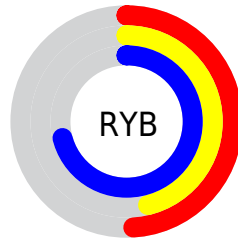
Distribution



Red (49%)

Green (46%)

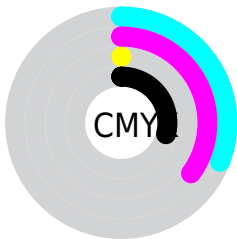
Blue (71%)



Red (49%)

Yellow (46%)

Blue (71%)

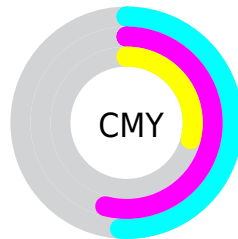


Cyan (31%)

Magenta (35%)

Yellow (0%)

Black (29%)



Cyan (51%)

Magenta (54%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C75B5 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 7C75B5 by changing the saturation by 10% instead.

■ 7C75B5

■ 7C75B5

FFFFFF

■ 625C9A

■ B2A9ED

■ 494580

■ CEC4FF

■ 2F2F66

■ EBE0FF

■ 151A4E

■ FFFDFF

■ 000037

■ 000221

■ 000006

■ 000000

■ 7C75B5

■ 7C75B5

6C63B5

8C87B5

5C51B5

9C99B5

4C3FB5

ACABB5

3C2DB5

BCBDB5

2B1BB5

CDD0B5

1B08B5

DDE2B5

1400B5

EDF4B5

FDFFB5

FFFFB5

Harmonies

Analogous

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



4280BC



7C75B5



A2699F

Triad

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



7C75B5



AB6F47



008D79

Complementary

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



7C75B5



AEB575

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.



4A8A5A



7C75B5



927A3B

Square

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



7C75B5



B86560



728442



008D9A

Rectangle

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



7C75B5



B2648B



728442



258C6E

Sweetspot

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



7C75B5



D4D1EB



75AFB5



686675



F5F5F5



757575

Same Dimension

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



7C75B5



9388EB



9B75B5



515059



110099



03001A

Inverse Universe

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



B575AE



EB88E0



8FB575



595058



990088



1A0017

Previews

White Background



This preview shows how the Hex color 7C75B5 looks on a white background.

Color Contrast Check

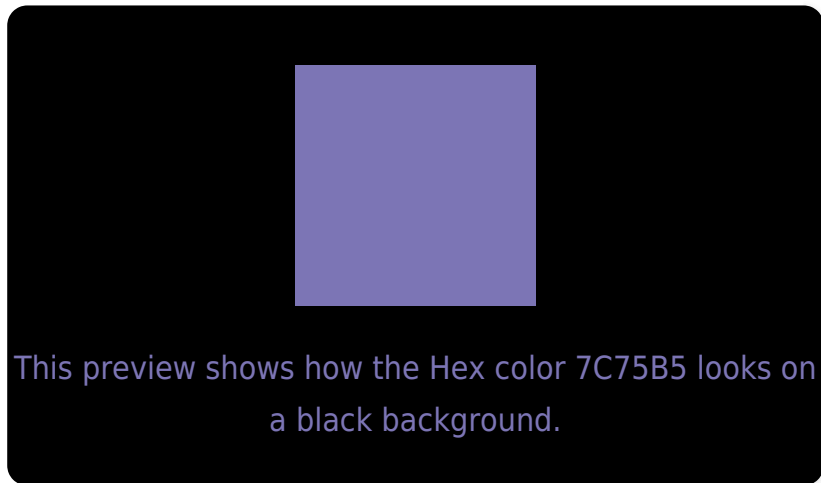
Large Text (above 18pt) WCAG AA ✓ Pass

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 7C75B5 Background



This preview shows how black text looks on a background with the Hex color 7C75B5.

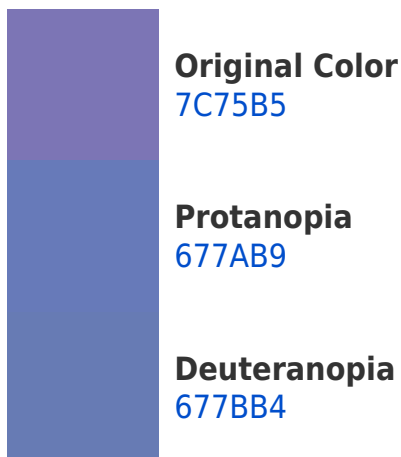


This preview shows how white text looks on a background with the Hex color 7C75B5.

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](#).

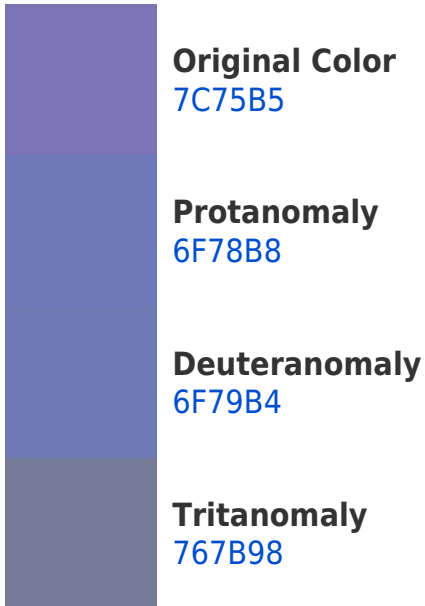
Dichromacy





Tritanopia
737E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7C75B5 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 #7C75B5 looks like.

```
.text, #text, p{  
    color:#7C75B5  
}
```

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 #7C75B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C75B5
}
```

Border

The CSS property to change the border of an element to Hex 7C75B5 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
#7C75B5 }
```

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

```
.border{ border-color:#7C75B5 }
```

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

Here you see how a box with a 4 pixel #7C75B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C75B5; -webkit-box-shadow:4px 4px  
4px 4px #7C75B5; box-shadow:4px 4px 4px  
4px #7C75B5 }
```

Background

The CSS property to change the background color of an element to Hex 7C75B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C75B5 }
```

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

```
.background{ background-color:#7C75B5 }
```

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