

Converting Colors

Hex(7687CE)

Have a look what the booklet for
Hex(7687CE) contains.

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Color

Hex(7687CE)

Conversions

Conversions Part 1

Format	Color
Hex	7687CE
RGB	118, 135, 206
RGB Percent	46%, 53%, 81%
CMY	0.5373, 0.4706, 0.1922
CMYK	0.43, 0.34, 0.00, 0.19
HSL	228°, 47%, 64%
HSV	228°, 43%, 81%
XYZ	27.2758, 25.6357, 61.9031
YIQ	138.0110, -32.9230, 18.4770

Conversions

Conversions Part 2

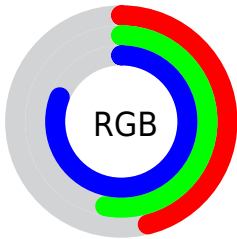
Format	Color
RYB	118, 132, 206
Decimal	7768014
CIELab	57.69, 12.17, -38.63
CIELCh	58, 40.505, 287.487
Yxy	25.6357, 0.2376, 0.2233
Android (android.graphics.Color)	4285958094 (0xFF7687CE)
YUV	138.0110, 33.5186, -17.5496
Hunter-Lab	50.6317, 7.5540, -37.0466

Details

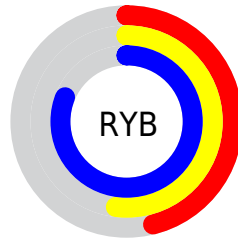
The Hex color **7687CE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CEBD76**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **ADBCFF**, and **3F5697** is the 20% darker color. If you saturate the color by 10%, you get **6176CE**, and if you desaturate by 10%, it is **8B98CE**.

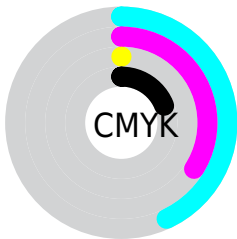
Distribution



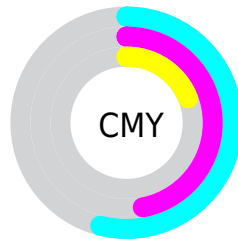
- Red (46%)
- Green (53%)
- Blue (81%)



- Red (46%)
- Yellow (52%)
- Blue (81%)



- Cyan (43%)
- Magenta (34%)
- Yellow (0%)
- Black (19%)



- Cyan (54%)
- Magenta (47%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7687CE 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 7687CE by changing the saturation by 10% instead.

■ 7687CE

■ 7687CE

FFFFFF

■ 5B6EB2

■ ADBCFF

■ 3F5697

■ CAD8FF

■ 223F7D

■ E7F4FF

■ 002964

■ 00164B


■ 000334

■ 00021E

■ 000000

■ 7687CE

■ 7687CE

 6176CE

 8B98CE

 4D66CE

 9FA8CE

 3855CE

 B4B9CE

 2445CE

 C8C9CE

 0F34CE

 DDDACE

 0028CE

 F2EBCE

 FFFBCE

 FFFFCE

Harmonies

Analogous

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



2593CF



7687CE



A879BB

Triad

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



7687CE



C57758



2A9C7A

Complementary

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



7687CE



CEBD76

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.



639759



7687CE



AD8345

Square

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



7687CE



CE6E77



8C8F45



009D9F

Rectangle

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



7687CE



BE72A6



8C8F45



429B6E

Sweetspot

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



7687CE



DEE4FF



76CEBC



6B6F80



000000



808080

Same Dimension

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



7687CE



7D96FF



9076CE



5C5E66



0020A6



000726

Inverse Universe

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



CE7687



FF7D96



B4CE76



665C5E



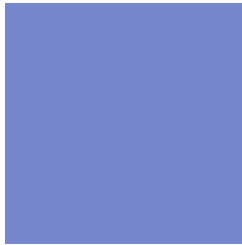
A60020



260007

Previews

White Background



This preview shows how the Hex color 7687CE looks on a white background.

Color Contrast Check

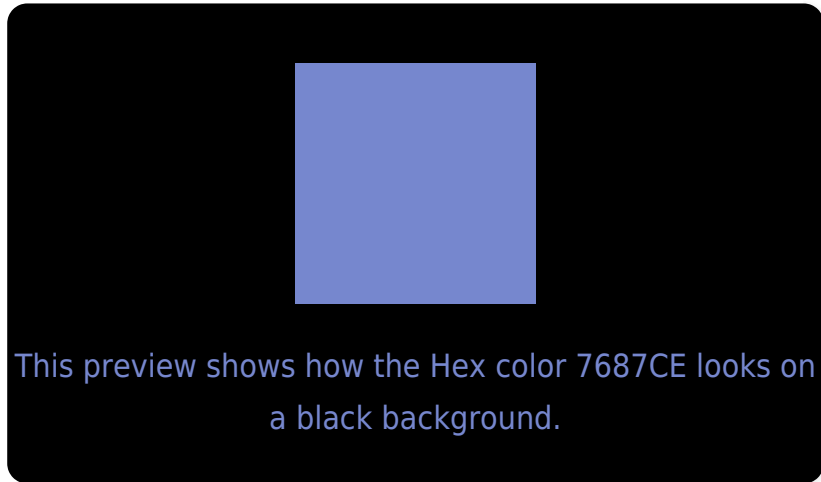
Large Text (above 18pt) WCAG AA ✓ Pass

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 7687CE Background



This preview shows how black text looks on a background with the Hex color 7687CE.



This preview shows how white text looks on a background with the Hex color 7687CE.

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
7687CE

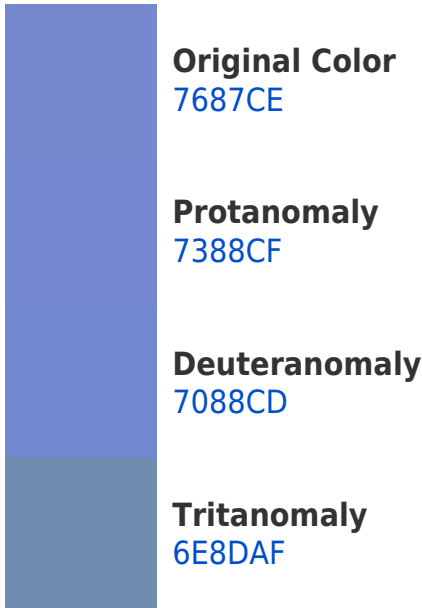
Protanopia
7288CF

Deuteranopia
6C89CD



Tritanopia
69919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7687CE 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 #7687CE looks like.

```
.text, #text, p{  
    color:#7687CE  
}
```

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 #7687CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7687CE
}
```

Border

The CSS property to change the border of an element to Hex 7687CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

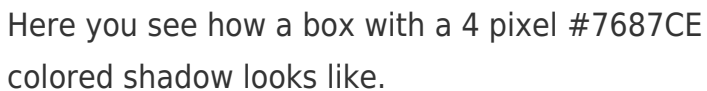
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7687CE }
```

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

```
.border{ border-color:#7687CE }
```

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



Here you see how a box with a 4 pixel #7687CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7687CE; -webkit-box-shadow:4px 4px  
4px 4px #7687CE; box-shadow:4px 4px 4px  
4px #7687CE }
```

Background

The CSS property to change the background color of an element to Hex 7687CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7687CE }
```

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

```
.background{ background-color:#7687CE }
```

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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