

Converting Colors

Hex(7E78BB)

Have a look what the booklet for
Hex(7E78BB) contains.

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Color

Hex(7E78BB)

Conversions

Conversions Part 1

Format	Color
Hex	7E78BB
RGB	126, 120, 187
RGB Percent	49%, 47%, 73%
CMY	0.5059, 0.5294, 0.2667
CMYK	0.33, 0.36, 0.00, 0.27
HSL	245°, 33%, 60%
HSV	245°, 36%, 73%
XYZ	24.2903, 21.4564, 49.8750
YIQ	129.4320, -17.9310, 22.1090

Conversions

Conversions Part 2

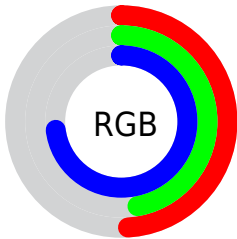
Format	Color
R _Y B	126, 120, 187
Decimal	8288443
CIE Lab	53.45, 17.96, -34.44
CIE LCh	53, 38.842, 297.549
Yxy	21.4564, 0.2540, 0.2244
Android (android.graphics.Color)	4286478523 (0xFF7E78BB)
YUV	129.4320, 28.3810, -3.0099
Hunter-Lab	46.3211, 12.5417, -31.4142

Details

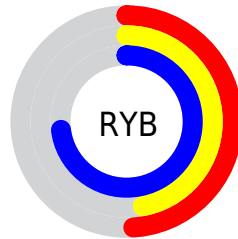
The Hex color **7E78BB** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B5BB78**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B4ACF3**, and **4A4885** is the 20% darker color. If you saturate the color by 10%, you get **6D65BB**, and if you desaturate by 10%, it is **8F8BBB**.

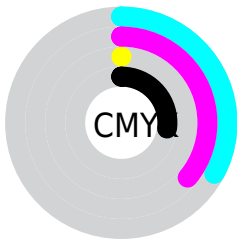
Distribution



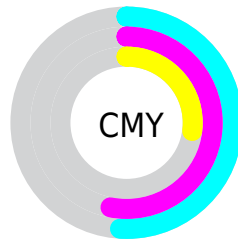
- Red (49%)
- Green (47%)
- Blue (73%)



- Red (49%)
- Yellow (47%)
- Blue (73%)



- Cyan (33%)
- Magenta (36%)
- Yellow (0%)
- Black (27%)



- Cyan (51%)
- Magenta (53%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E78BB 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 7E78BB by changing the saturation by 10% instead.

■ 7E78BB

■ 7E78BB

FFFFFF

■ 645FA0

■ B4ACF3

■ 4A4885

■ D0C8FF

■ 31316C

■ EDE4FF

■ 161C53

■ 00043C

■ 000225

■ 00010E

■ 000000

■ 7E78BB

■ 7E78BB

6D65BB

8F8BBB

5C53BB

A09DBB

4B40BB

B1B0BB

3A2DBB

C2C3BB

291BBB

D3D5BB

1808BB

E4E8BB

1100BB

F5FB BB

FFFFBB

Harmonies

Analogous

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



3F84C2



7E78BB



A76BA4

Triad

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



7E78BB



B07148



00917C

Complementary

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



7E78BB



B5BB78

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.



4B8D5A



7E78BB



967D3B

Square

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



7E78BB



BE6763



758742



00909E

Rectangle

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



7E78BB



B7668F



758742



239070

Sweetspot

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



7E78BB



DAD8F2



78B5BB



6C6A7A



FAFAFA



7A7A7A

Same Dimension

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



7E78BB



938AF2



9F78BB



56555E



0E009E



03001F

Inverse Universe

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



BB78B5



F28AE9



94BB78



5E555E



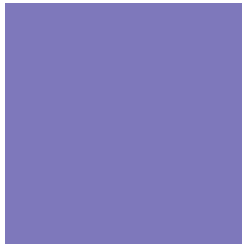
9E0090



1F001C

Previews

White Background



This preview shows how the Hex color 7E78BB looks on a white background.

Color Contrast Check

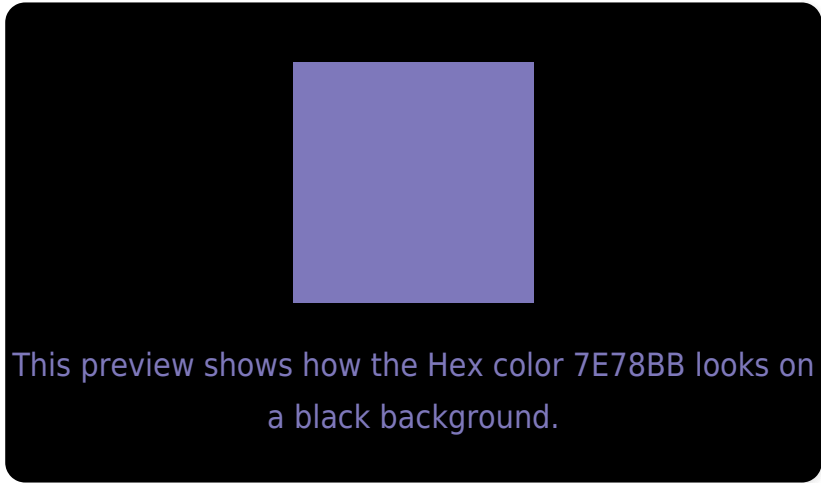
Large Text (above 18pt) WCAG AA ✓ Pass

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

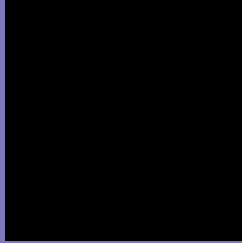
Any Text WCAG AA ✓ Pass

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 7E78BB Background



This preview shows how black text looks on a background with the Hex color 7E78BB.

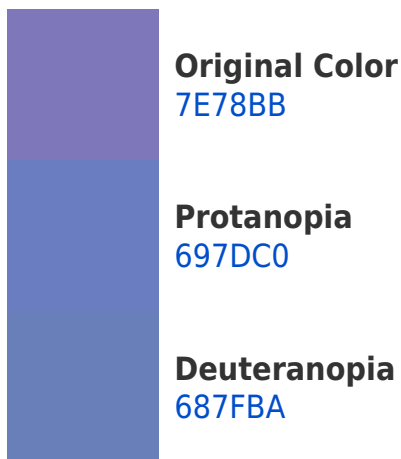


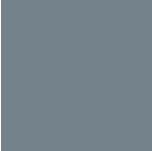
This preview shows how white text looks on a background with the Hex color 7E78BB.

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](#).

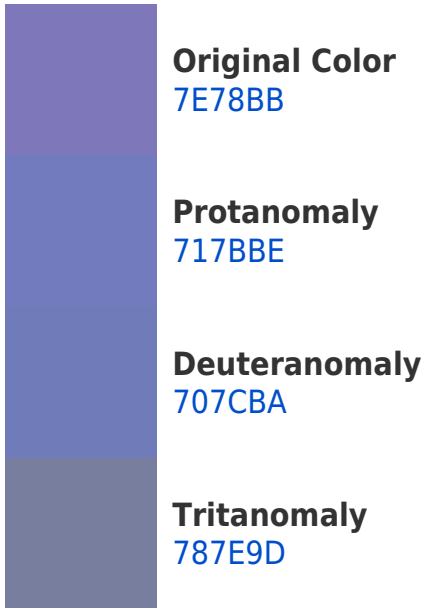
Dichromacy



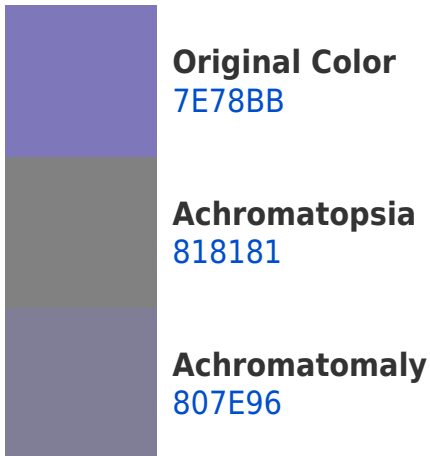


Tritanopia
74828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7E78BB 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 #7E78BB looks like.

```
.text, #text, p{  
    color:#7E78BB  
}
```

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 #7E78BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E78BB
}
```

Border

The CSS property to change the border of an element to Hex 7E78BB 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
#7E78BB }
```

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

```
.border{ border-color:#7E78BB }
```

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

Here you see how a box with a 4 pixel #7E78BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E78BB; -webkit-box-shadow:4px 4px  
4px 4px #7E78BB; box-shadow:4px 4px 4px  
4px #7E78BB }
```

Background

The CSS property to change the background color of an element to Hex 7E78BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E78BB }
```

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

```
.background{ background-color:#7E78BB }
```

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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