

Converting Colors

Hex(7E78C4)

Have a look what the booklet for
Hex(7E78C4) contains.

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Color

Hex(7E78C4)

Conversions

Conversions Part 1

Format	Color
Hex	7E78C4
RGB	126, 120, 196
RGB Percent	49%, 47%, 77%
CMY	0.5059, 0.5294, 0.2314
CMYK	0.36, 0.39, 0.00, 0.23
HSL	245°, 39%, 62%
HSV	245°, 39%, 77%
XYZ	25.2845, 21.8541, 55.1102
YIQ	130.4580, -20.8200, 24.9080

Conversions

Conversions Part 2

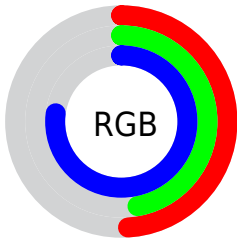
Format	Color
R_{YB}	126, 120, 196
Decimal	8288452
CIE _{Lab}	53.87, 20.40, -38.92
CIE _{LCh}	54, 43.940, 297.660
Yxy	21.8541, 0.2473, 0.2137
Android (android.graphics.Color)	4286478532 (0xFF7E78C4)
YUV	130.4580, 32.3122, -3.9097
Hunter-Lab	46.7484, 14.7345, -37.1713

Details

The Hex color **7E78C4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **BEC478**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **B5ACFD**, and **49488E** is the 20% darker color. If you saturate the color by 10%, you get **6C64C4**, and if you desaturate by 10%, it is **908CC4**.

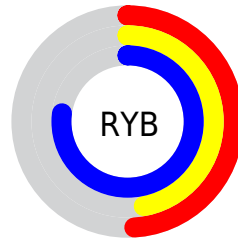
Distribution



Red (49%)

Green (47%)

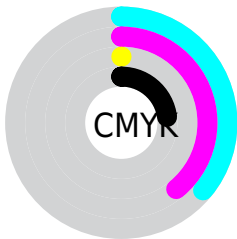
Blue (77%)



Red (49%)

Yellow (47%)

Blue (77%)

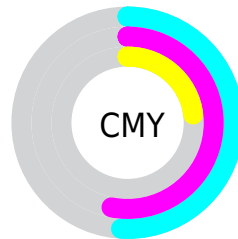


Cyan (36%)

Magenta (39%)

Yellow (0%)

Black (23%)



Cyan (51%)

Magenta (53%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E78C4 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 7E78C4 by changing the saturation by 10% instead.



7E78C4



7E78C4

FFFFFF



635FA9



B5ACFD



49488E



D1C8FF



2F3174



EEE4FF



101C5B



000543



00032C



000116



000000



7E78C4



7E78C4

6C64C4

908CC4

5A51C4

A29FC4

483DC4

B4B3C4

362AC4

C6C6C4

2416C4

D8DAC4

1202C4

EAEEC4

0F00C4

FCFFC4

FFFFC4

Harmonies

Analogous

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



2B86CC



7E78C4



AD69AA

Triad

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



7E78C4



B67041



00937C

Complementary

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



7E78C4



BEC478

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.



439057



7E78C4



997E32

Square

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



7E78C4



C66360



73893A



0093A3

Rectangle

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



7E78C4



BF6292



73893A



00936F

Sweetspot

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



7E78C4



E3E0FF



78BFC4



6F6E80



000000



808080

Same Dimension

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



7E78C4



9187FF



A378C4



585761



0D00A1



030021

Inverse Universe

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



C478BE



FF87F6



99C478



615760



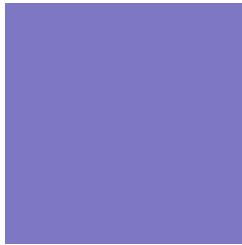
A10094



21001F

Previews

White Background



This preview shows how the Hex color 7E78C4 looks on a white background.

Color Contrast Check

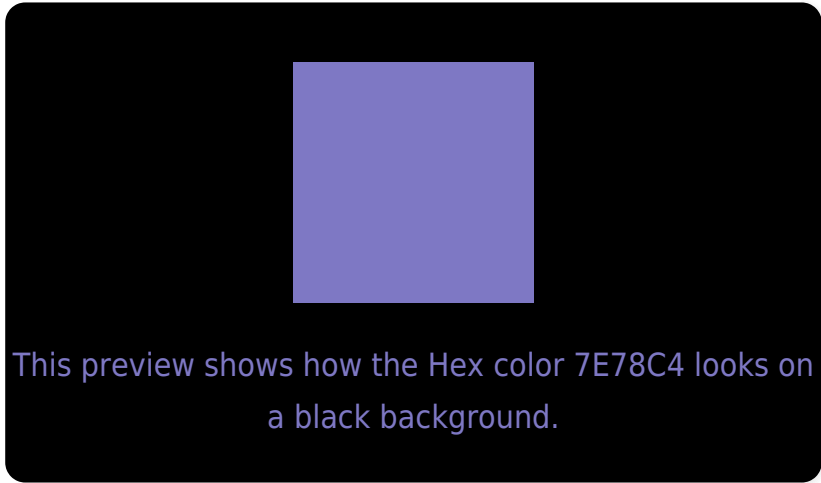
Large Text (above 18pt) WCAG AA ✓ Pass

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

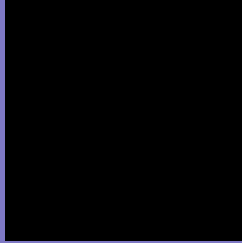
Any Text WCAG AA ✓ Pass

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 7E78C4 Background



This preview shows how black text looks on a background with the Hex color 7E78C4.



This preview shows how white text looks on a background with the Hex color 7E78C4.

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](#).

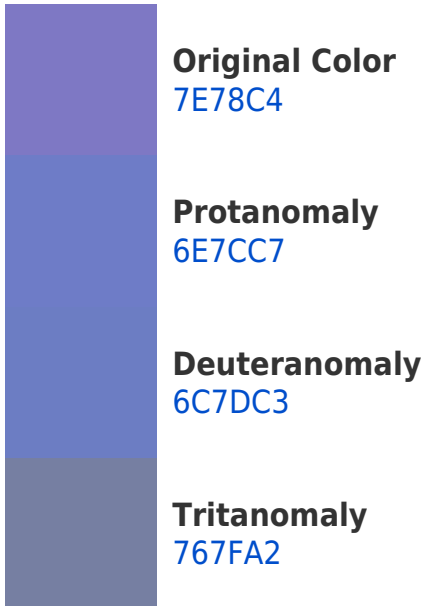
Dichromacy





Tritanopia
72838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7E78C4 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 #7E78C4 looks like.

```
.text, #text, p{  
    color:#7E78C4  
}
```

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 #7E78C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E78C4
}
```

Border

The CSS property to change the border of an element to Hex 7E78C4 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
#7E78C4 }
```

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

```
.border{ border-color:#7E78C4 }
```

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

Here you see how a box with a 4 pixel #7E78C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E78C4; -webkit-box-shadow:4px 4px  
4px 4px #7E78C4; box-shadow:4px 4px 4px  
4px #7E78C4 }
```

Background

The CSS property to change the background color of an element to Hex 7E78C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E78C4 }
```

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

```
.background{ background-color:#7E78C4 }
```

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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