

Converting Colors

Hex(7F7EC8)

Have a look what the booklet for
Hex(7F7EC8) contains.

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Color

Hex(7F7EC8)

Conversions

Conversions Part 1

Format	Color
Hex	7F7EC8
RGB	127, 126, 200
RGB Percent	50%, 49%, 78%
CMY	0.5020, 0.5059, 0.2157
CMYK	0.36, 0.37, 0.00, 0.22
HSL	241°, 40%, 64%
HSV	241°, 37%, 78%
XYZ	26.6386, 23.6039, 57.7956
YIQ	134.7350, -23.1580, 23.2260

Conversions

Conversions Part 2

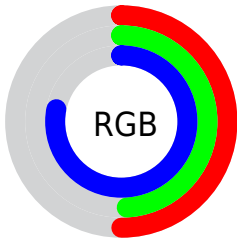
Format	Color
R_{YB}	127, 126, 200
Decimal	8355528
CIE _{Lab}	55.69, 18.21, -38.33
CIE _{LCh}	56, 42.438, 295.405
Yxy	23.6039, 0.2466, 0.2185
Android (android.graphics.Color)	4286545608 (0xFF7F7EC8)
YUV	134.7350, 32.1756, -6.7836
Hunter-Lab	48.5838, 12.8502, -36.5231

Details

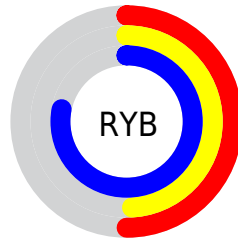
The Hex color **7F7EC8** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **C7C87E**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **B6B3FF**, and **4A4D92** is the 20% darker color. If you saturate the color by 10%, you get **6B6AC8**, and if you desaturate by 10%, it is **9392C8**.

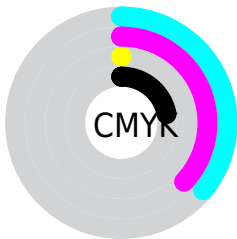
Distribution



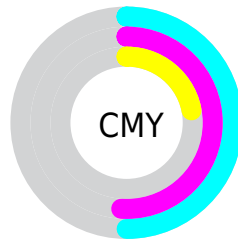
- Red (50%)
- Green (49%)
- Blue (78%)



- Red (50%)
- Yellow (49%)
- Blue (78%)



- Cyan (36%)
- Magenta (37%)
- Yellow (0%)
- Black (22%)



- Cyan (50%)
- Magenta (51%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F7EC8 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 7F7EC8 by changing the saturation by 10% instead.

■ 7F7EC8

■ 7F7EC8

FFFFFF

■ 6465AC

■ B6B3FF

■ 4A4D92

■ D2CEFF

■ 2F3678

■ EFEAFF

■ 11215E

■ 000D46

■ 00042F

■ 00011A

■ 000000

■ 7F7EC8

■ 7F7EC8

 6B6AC8

 9392C8

 5856C8

 A6A6C8

 4442C8

 BABAC8

 302EC8

 CECEC8

 1C1AC8

 E2E2C8

 0906C8

 F5F6C8

 0300C8

 FFFFC8

Harmonies

Analogous

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



318BCF



7F7EC8



AE70B0

Triad

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



7F7EC8



BC744A



00987E

Complementary

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



7F7EC8



C7C87E

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.



4F945A



7F7EC8



A0813A

Square

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



7F7EC8



CA6968



7C8D40



0098A4

Rectangle

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



7F7EC8



C06999



7C8D40



1F9772

Sweetspot

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



7F7EC8



E3E3FF



7EC8C8



6F6F80



000000



808080

Same Dimension

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



7F7EC8



908FFF



A37EC8



5A5A63



0200A3



000024

Inverse Universe

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



C87EC7



FF8FFD



A3C87E



635A63



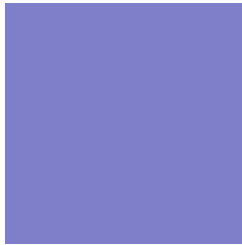
A300A1



240023

Previews

White Background



This preview shows how the Hex color 7F7EC8 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



This preview shows how the Hex color 7F7EC8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

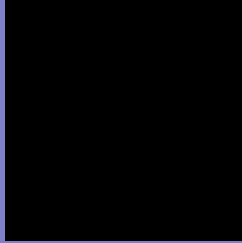
Any Text WCAG AA ✓ Pass

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 7F7EC8 Background



This preview shows how black text looks on a background with the Hex color 7F7EC8.



This preview shows how white text looks on a background with the Hex color 7F7EC8.

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](#).

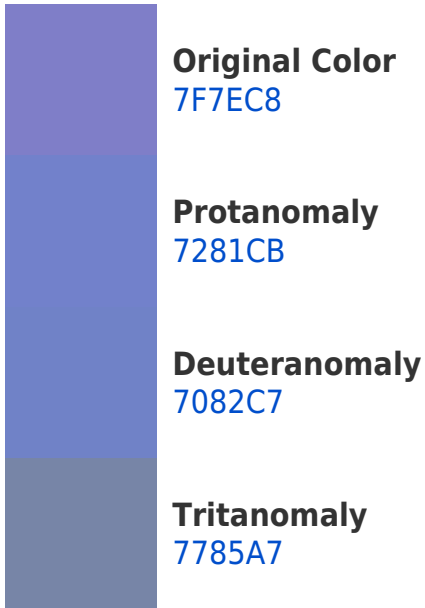
Dichromacy





Tritanopia
738994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7F7EC8 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 #7F7EC8 looks like.

```
.text, #text, p{  
    color:#7F7EC8  
}
```

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 #7F7EC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F7EC8
}
```

Border

The CSS property to change the border of an element to Hex 7F7EC8 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".

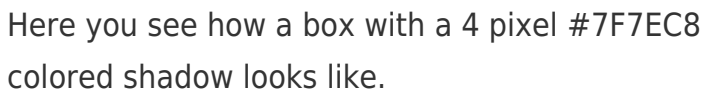
```
.border, #border, table{ border:4px solid
#7F7EC8 }
```

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

```
.border{ border-color:#7F7EC8 }
```

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

Here you see how a box with a 4 pixel #7F7EC8 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F7EC8; -webkit-box-shadow:4px 4px  
4px 4px #7F7EC8; box-shadow:4px 4px 4px  
4px #7F7EC8 }
```

Background

The CSS property to change the background color of an element to Hex 7F7EC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F7EC8 }
```

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

```
.background{ background-color:#7F7EC8 }
```

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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