

Converting Colors

Hex(7E7EA5)

Have a look what the booklet for
Hex(7E7EA5) contains.

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Color

Hex(7E7EA5)

Conversions

Conversions Part 1

Format	Color
Hex	7E7EA5
RGB	126, 126, 165
RGB Percent	49%, 49%, 65%
CMY	0.5059, 0.5059, 0.3529
CMYK	0.24, 0.24, 0.00, 0.35
HSL	240°, 18%, 57%
HSV	240°, 24%, 65%
XYZ	22.8566, 22.0739, 38.6533
YIQ	130.4460, -12.5190, 12.1290

Conversions

Conversions Part 2

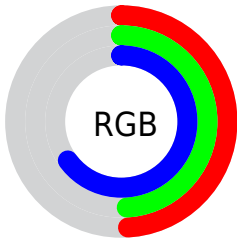
Format	Color
R _Y B	126, 126, 165
Decimal	8289957
CIE Lab	54.11, 8.75, -20.74
CIE LCh	54, 22.513, 292.873
Yxy	22.0739, 0.2735, 0.2641
Android (android.graphics.Color)	4286480037 (0xFF7E7EA5)
YUV	130.4460, 17.0351, -3.8991
Hunter-Lab	46.9829, 4.6178, -15.8905

Details

The Hex color **7E7EA5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A5A57E**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **B3B3DC**, and **4C4D71** is the 20% darker color. If you saturate the color by 10%, you get **6D6DA5**, and if you desaturate by 10%, it is **8E8EA5**.

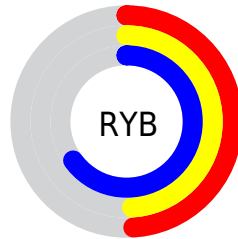
Distribution



Red (49%)

Green (49%)

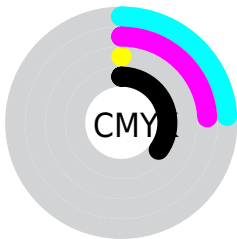
Blue (65%)



Red (49%)

Yellow (49%)

Blue (65%)

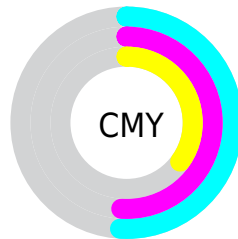


Cyan (24%)

Magenta (24%)

Yellow (0%)

Black (35%)



Cyan (51%)

Magenta (51%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E7EA5 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 7E7EA5 by changing the saturation by 10% instead.

■ 7E7EA5

■ 7E7EA5

FFFFFF

■ 65658B

■ B3B3DC

■ 4C4D71

■ CFCEF9

■ 343658

■ EBEAFF

■ 1D2141

■ 080B2B

■ 000116

■ 000000

■ 7E7EA5

■ 7E7EA5

■ 6D6DA5

■ 8E8EA5

5D5DA5

9F9FA5

4C4CA5

B0B0A5

3C3CA5

C0C0A5

2B2BA5

D0D0A5

1B1BA5

E1E1A5

0A0AA5

F1F1A5

0000A5

FFFA5

Harmonies

Analogous

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



6285A7



7E7EA5



967799

Triad

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



7E7EA5



A27863



548C7C

Complementary

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



7E7EA5



A5A57E

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.



698969



7E7EA5



947F5B

Square

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



7E7EA5



A97473



80855D



478C90

Rectangle

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



7E7EA5



A1748D



80855D



5B8B75

Sweetspot

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



7E7EA5



C7C7D6



7EA5A5



63636B



EBEBEB



6B6B6B

Same Dimension

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



7E7EA5



9A9AD6



927EA5



494952



000091



000012

Inverse Universe

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



A57EA5



D69AD6



92A57E



524952



910091



120012

Previews

White Background



This preview shows how the Hex color 7E7EA5 looks on a white background.

Color Contrast Check

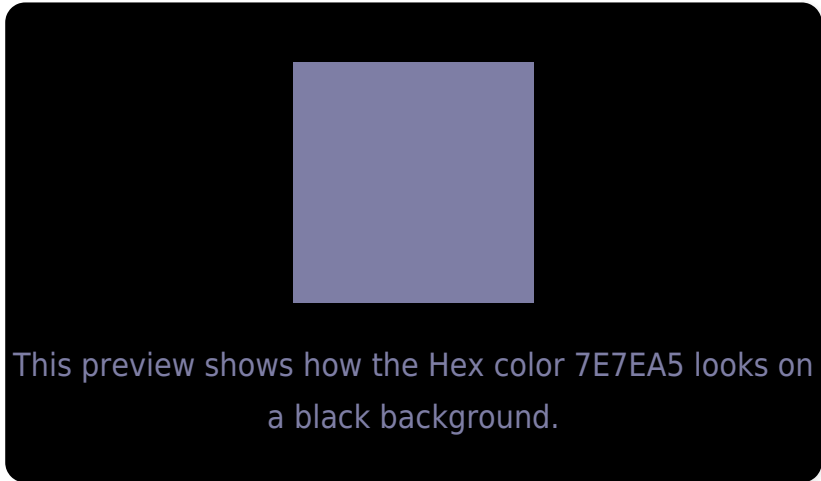
Large Text (above 18pt) WCAG AA ✓ Pass

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

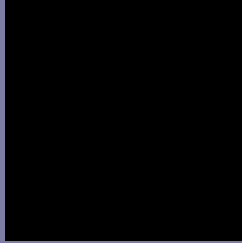
Any Text WCAG AA ✓ Pass

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 7E7EA5 Background



This preview shows how black text looks on a background with the Hex color 7E7EA5.



This preview shows how white text looks on a background with the Hex color 7E7EA5.

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

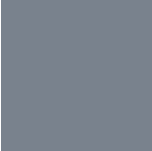
7E7EA5

Protanopia

7780A6

Deuteranopia

7B7FA5



Tritanopia
79828D

Trichromacy



Original Color
7E7EA5

Protanomaly
7A7FA6

Deuteranomaly
7C7FA5

Tritanomaly
7B8196

Monochromacy



Original Color
7E7EA5

Achromatopsia
828282

Achromatomaly
81818F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E7EA5 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 #7E7EA5 looks like.

```
.text, #text, p{  
    color:#7E7EA5  
}
```

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 #7E7EA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E7EA5
}
```

Border

The CSS property to change the border of an element to Hex 7E7EA5 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
#7E7EA5 }
```

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

```
.border{ border-color:#7E7EA5 }
```

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

Here you see how a box with a 4 pixel #7E7EA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E7EA5; -webkit-box-shadow:4px 4px  
4px 4px #7E7EA5; box-shadow:4px 4px 4px  
4px #7E7EA5 }
```

Background

The CSS property to change the background color of an element to Hex 7E7EA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E7EA5 }
```

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

```
.background{ background-color:#7E7EA5 }
```

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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