

Converting Colors

Hex(7E84B9)

Have a look what the booklet for
Hex(7E84B9) contains.

Hex(7E84B9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7E84B9)

Conversions

Conversions Part 1

Format	Color
Hex	7E84B9
RGB	126, 132, 185
RGB Percent	49%, 52%, 73%
CMY	0.5059, 0.4824, 0.2745
CMYK	0.32, 0.29, 0.00, 0.27
HSL	234°, 30%, 61%
HSV	234°, 32%, 73%
XYZ	25.6124, 24.4409, 49.2666
YIQ	136.2480, -20.5890, 15.2110

Conversions

Conversions Part 2

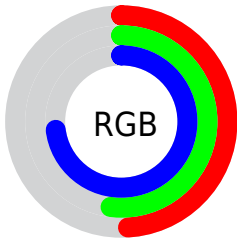
Format	Color
R_{YB}	126, 131, 185
Decimal	8291513
CIE _{Lab}	56.53, 10.34, -28.50
CIE _{LCh}	57, 30.314, 289.942
Yxy	24.4409, 0.2579, 0.2461
Android (android.graphics.Color)	4286481593 (0xFF7E84B9)
YUV	136.2480, 24.0347, -8.9875
Hunter-Lab	49.4378, 5.9600, -24.4783

Details

The Hex color **7E84B9** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **B9B37E**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B4B9F1**, and **4B5384** is the 20% darker color. If you saturate the color by 10%, you get **6C73B9**, and if you desaturate by 10%, it is **9195B9**.

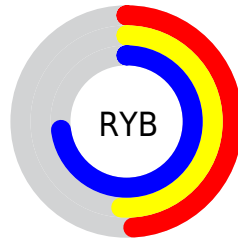
Distribution



Red (49%)

Green (52%)

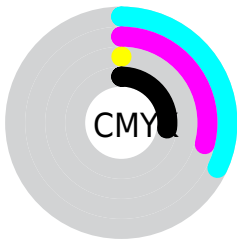
Blue (73%)



Red (49%)

Yellow (51%)

Blue (73%)

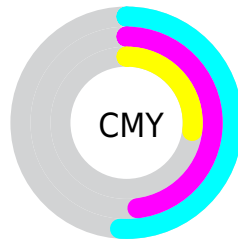


Cyan (32%)

Magenta (29%)

Yellow (0%)

Black (27%)



Cyan (51%)

Magenta (48%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E84B9 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 7E84B9 by changing the saturation by 10% instead.

■ 7E84B9

■ 7E84B9

FFFFFF

■ 646B9E

■ B4B9F1

■ 4B5384

■ D0D5FF

■ 323C6A

■ EDF1FF

■ 182652

■ 00123A

■ 000225

■ 00010D

■ 000000

■ 7E84B9

■ 7E84B9

6C73B9

9195B9

5963B9

A3A5B9

4652B9

B6B6B9

3442B9

C8C6B9

2231B9

DBD7B9

0F20B9

EDE8B9

0013B9

FFF8B9

FFFFB9

Harmonies

Analogous

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



538DBB



7E84B9



A07BAA

Triad

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



7E84B9



B47A60



48957D

Complementary

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



7E84B9



B9B37E

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.



699265



7E84B9



A18354

Square

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



7E84B9



BB7477



878B55



289699

Rectangle

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



7E84B9



B0769A



878B55



539475

Sweetspot

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



7E84B9



D8DAF0



7EB9B2



696B78



F7F7F7



787878

Same Dimension

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



7E84B9



959EF0



957EB9



53545C



00109C



00031C

Inverse Universe

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



B97E84



F0959E



A2B97E



5C5354



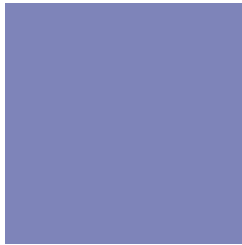
9C0010



1C0003

Previews

White Background



This preview shows how the Hex color 7E84B9 looks on a white background.

Color Contrast Check

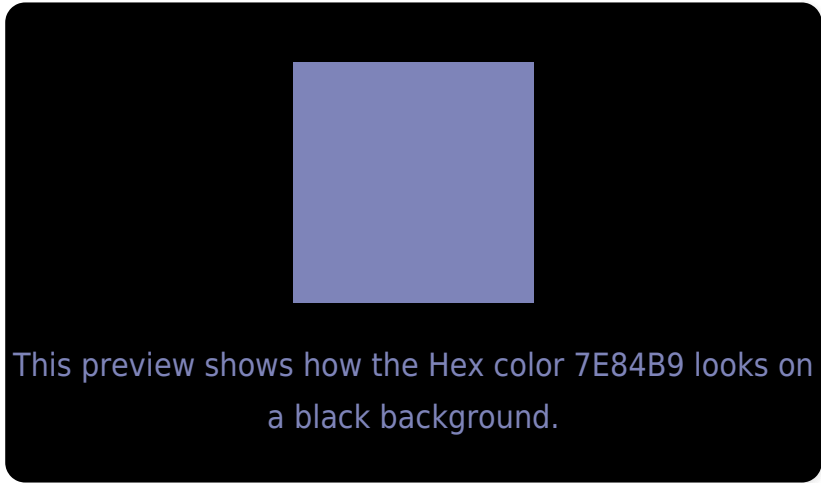
Large Text (above 18pt) WCAG AA ✓ Pass

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

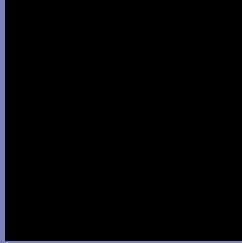
Any Text WCAG AA ✓ Pass

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 7E84B9 Background



This preview shows how black text looks on a background with the Hex color 7E84B9.



This preview shows how white text looks on a background with the Hex color 7E84B9.

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

7E84B9

Protanopia

7886BA

Deuteranopia

7986B9



Tritanopia
768B96

Trichromacy



Original Color
7E84B9

Protanomaly
7A85BA

Deuteranomaly
7B85B9

Tritanomaly
7988A3

Monochromacy



Original Color
7E84B9

Achromatopsia
888888

Achromatomaly
84879A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E84B9 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 #7E84B9 looks like.

```
.text, #text, p{  
    color:#7E84B9  
}
```

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 #7E84B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E84B9
}
```

Border

The CSS property to change the border of an element to Hex 7E84B9 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
#7E84B9 }
```

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

```
.border{ border-color:#7E84B9 }
```

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

Here you see how a box with a 4 pixel #7E84B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E84B9; -webkit-box-shadow:4px 4px  
4px 4px #7E84B9; box-shadow:4px 4px 4px  
4px #7E84B9 }
```

Background

The CSS property to change the background color of an element to Hex 7E84B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E84B9 }
```

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

```
.background{ background-color:#7E84B9 }
```

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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