

Converting Colors

Hex(7E89B3)

Have a look what the booklet for
Hex(7E89B3) contains.

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Color

Hex(7E89B3)

Conversions

Conversions Part 1

Format	Color
Hex	7E89B3
RGB	126, 137, 179
RGB Percent	49%, 54%, 70%
CMY	0.5059, 0.4627, 0.2980
CMYK	0.30, 0.23, 0.00, 0.30
HSL	228°, 26%, 60%
HSV	228°, 30%, 70%
XYZ	25.6865, 25.5816, 46.2317
YIQ	138.4990, -20.0380, 10.7300

Conversions

Conversions Part 2

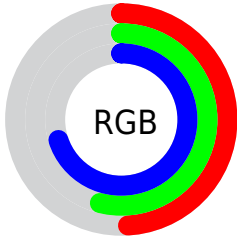
Format	Color
RYB	126, 135, 179
Decimal	8292787
CIELab	57.64, 5.86, -23.36
CIELCh	58, 24.085, 284.084
Yxy	25.5816, 0.2635, 0.2624
Android (android.graphics.Color)	4286482867 (0xFF7E89B3)
YUV	138.4990, 19.9670, -10.9616
Hunter-Lab	50.5783, 2.1405, -18.7900

Details

The Hex color **7E89B3** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **B3A87E**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B4BEEB**, and **4B577E** is the 20% darker color. If you saturate the color by 10%, you get **6C7BB3**, and if you desaturate by 10%, it is **9097B3**.

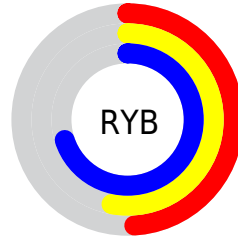
Distribution



Red (49%)

Green (54%)

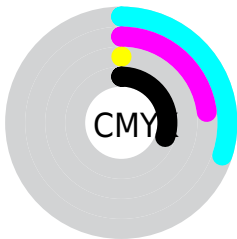
Blue (70%)



Red (49%)

Yellow (53%)

Blue (70%)

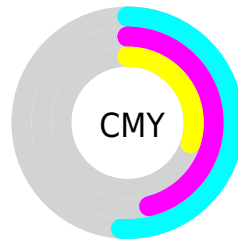


Cyan (30%)

Magenta (23%)

Yellow (0%)

Black (30%)



Cyan (51%)

Magenta (46%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E89B3 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 7E89B3 by changing the saturation by 10% instead.

■ 7E89B3

■ 7E89B3

FFFFFF

■ 647098

■ B4BEEB

■ 4B577E

■ D0DAFF

■ 334065

■ ECF7FF

■ 1A2A4D

■ 001636

■ 000220

■ 000005

■ 000000

■ 7E89B3

■ 7E89B3

■ 6C7BB3

■ 9097B3

■ 5A6DB3

■ A2A5B3

■ 485EB3

■ B4B4B3

■ 3650B3

■ C6C2B3

■ 2542B3

■ D8D0B3

■ 1334B3

■ E9DEB3

■ 0126B3

■ FBECB3

■ 0025B3

■ FFFAB3

■ FFFFB3

Harmonies

Analogous

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



6090B2



7E89B3



9A82A9

Triad

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



7E89B3



B17F6E



60957E

Complementary

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



7E89B3



B3A87E

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.



78926C



7E89B3



A48562

Square

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



7E89B3



B57B81



8F8C61



4D9694

Rectangle

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



7E89B3



A87E9D



8F8C61



679477

Sweetspot

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



7E89B3



D3D8E8



7EB3A8



686B75



F5F5F5



757575

Same Dimension

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



7E89B3



95A6E8



8D7EB3



505259



002099



00051A

Inverse Universe

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



B37E89



E895A6



A4B37E



595052



990020



1A0005

Previews

White Background



This preview shows how the Hex color 7E89B3 looks on a white background.

Color Contrast Check

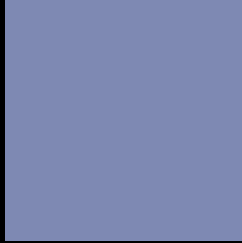
Large Text (above 18pt) WCAG AA ✓ Pass

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 7E89B3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

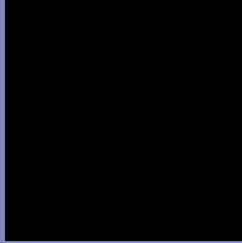
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

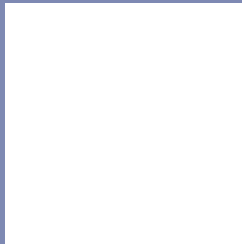
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7E89B3 Background



This preview shows how black text looks on a background with the Hex color 7E89B3.



This preview shows how white text looks on a background with the Hex color 7E89B3.

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

7E89B3

Protanopia

7F89B3

Deuteranopia

8288B3



Tritanopia
788E99

Trichromacy



Original Color
7E89B3

Protanomaly
7F89B3

Deuteranomaly
8188B3

Tritanomaly
7A8CA2

Monochromacy



Original Color
7E89B3

Achromatopsia
8A8A8A

Achromatomaly
868A99

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E89B3 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 #7E89B3 looks like.

```
.text, #text, p{  
    color:#7E89B3  
}
```

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 #7E89B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E89B3
}
```

Border

The CSS property to change the border of an element to Hex 7E89B3 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
#7E89B3 }
```

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

```
.border{ border-color:#7E89B3 }
```

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

Here you see how a box with a 4 pixel #7E89B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E89B3; -webkit-box-shadow:4px 4px  
4px 4px #7E89B3; box-shadow:4px 4px 4px  
4px #7E89B3 }
```

Background

The CSS property to change the background color of an element to Hex 7E89B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E89B3 }
```

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

```
.background{ background-color:#7E89B3 }
```

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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