

Converting Colors

Hex(7D8AE2)

Have a look what the booklet for
Hex(7D8AE2) contains.

Hex(7D8AE2)	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(7D8AE2)

Conversions

Conversions Part 1

Format	Color
Hex	7D8AE2
RGB	125, 138, 226
RGB Percent	49%, 54%, 89%
CMY	0.5098, 0.4588, 0.1137
CMYK	0.45, 0.39, 0.00, 0.11
HSL	232°, 64%, 69%
HSV	232°, 45%, 89%
XYZ	31.2734, 28.0279, 75.7131
YIQ	144.1450, -35.9960, 24.6120

Conversions

Conversions Part 2

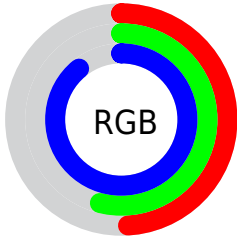
Format	Color
RYB	125, 137, 226
Decimal	8227554
CIELab	59.91, 17.97, -46.30
CIELCh	60, 49.666, 291.209
Yxy	28.0279, 0.2316, 0.2076
Android (android.graphics.Color)	4286417634 (0xFF7D8AE2)
YUV	144.1450, 40.3545, -16.7902
Hunter-Lab	52.9414, 12.7956, -47.7335

Details

The Hex color **7D8AE2** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E2D57D**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **B6BFFF**, and **4458AA** is the 20% darker color. If you saturate the color by 10%, you get **6676E2**, and if you desaturate by 10%, it is **949EE2**.

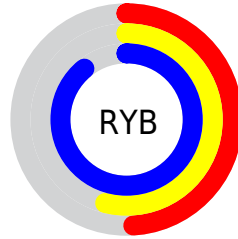
Distribution



Red (49%)

Green (54%)

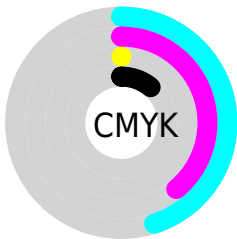
Blue (89%)



Red (49%)

Yellow (54%)

Blue (89%)

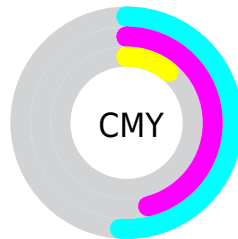


Cyan (45%)

Magenta (39%)

Yellow (0%)

Black (11%)



Cyan (51%)

Magenta (46%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D8AE2 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 7D8AE2 by changing the saturation by 10% instead.

■ 7D8AE2

■ 7D8AE2

FFFFFF

■ 6171C6

■ B6BFFF

■ 4458AA

■ D3DBFF

■ 25418F

■ F0F7FF

■ 002C75

■ 00185C

■ 000044

■ 00032D

■ 000117

■ 000000

 7D8AE2

 7D8AE2

 6676E2

 949EE2

 5063E2

 AAB1E2

 394FE2

 C1C5E2

 233BE2

 D7D9E2

 0C28E2

 EEECE2

 001DE2

 FFFFE2

Harmonies

Analogous

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



0099E7



7D8AE2



B978C8

Triad

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



7D8AE2



D3794D



00A582

Complementary

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



7D8AE2



E2D57D

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.



56A157



7D8AE2



B48A36

Square

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



7D8AE2



E16C73



8B973A



00A6AF

Rectangle

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



7D8AE2



D26FAE



8B973A



17A473

Sweetspot

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



7D8AE2



DEE2FF



7DE2D5



6B6E80



000000



808080

Same Dimension

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



7D8AE2



7587FF



A27DE2



656670



0017B0



000630

Inverse Universe

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



E27D8A



FF7587



BDE27D



706566



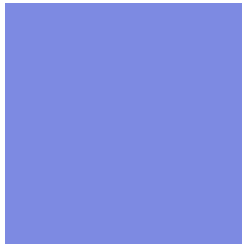
B00017



300006

Previews

White Background



This preview shows how the Hex color 7D8AE2 looks on a white background.

Color Contrast Check

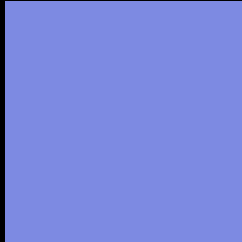
Large Text (above 18pt) WCAG AA ✓ Pass

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 7D8AE2 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 7D8AE2 Background



This preview shows how black text looks on a background with the Hex color 7D8AE2.



This preview shows how white text looks on a background with the Hex color 7D8AE2.

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](#).

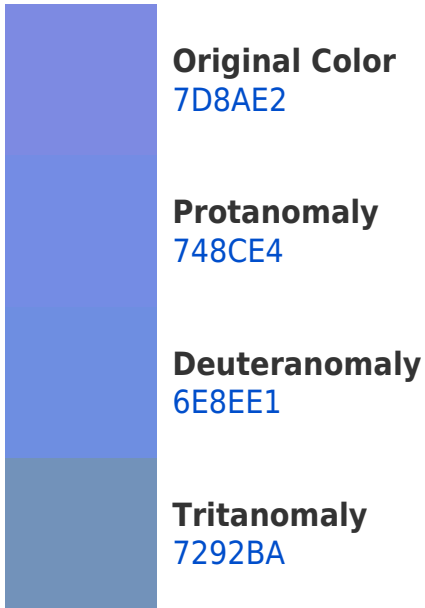
Dichromacy



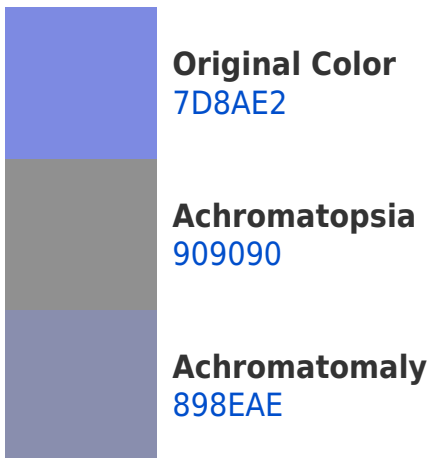


Tritanopia
6C97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7D8AE2 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 #7D8AE2 looks like.

```
.text, #text, p{  
    color:#7D8AE2  
}
```

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 #7D8AE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D8AE2
}
```

Border

The CSS property to change the border of an element to Hex 7D8AE2 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
#7D8AE2 }
```

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

```
.border{ border-color:#7D8AE2 }
```

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

Here you see how a box with a 4 pixel #7D8AE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D8AE2; -webkit-box-shadow:4px 4px  
4px 4px #7D8AE2; box-shadow:4px 4px 4px  
4px #7D8AE2 }
```

Background

The CSS property to change the background color of an element to Hex 7D8AE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D8AE2 }
```

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

```
.background{ background-color:#7D8AE2 }
```

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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