

Converting Colors

Hex(7D8EE2)

Have a look what the booklet for
Hex(7D8EE2) contains.

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Color

Hex(7D8EE2)

Conversions

Conversions Part 1

Format	Color
Hex	7D8EE2
RGB	125, 142, 226
RGB Percent	49%, 56%, 89%
CMY	0.5098, 0.4431, 0.1137
CMYK	0.45, 0.37, 0.00, 0.11
HSL	230°, 64%, 69%
HSV	230°, 45%, 89%
XYZ	31.8579, 29.1970, 75.9080
YIQ	146.4930, -37.0960, 22.5200

Conversions

Conversions Part 2

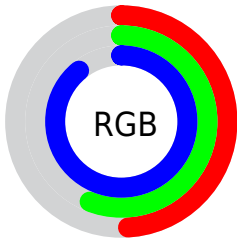
Format	Color
R _Y B	125, 140, 226
Decimal	8228578
CIE Lab	60.96, 15.62, -44.66
CIE LCh	61, 47.310, 289.275
Yxy	29.1970, 0.2326, 0.2132
Android (android.graphics.Color)	4286418658 (0xFF7D8EE2)
YUV	146.4930, 39.1970, -18.8494
Hunter-Lab	54.0342, 10.6816, -45.4674

Details

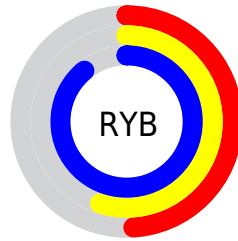
The Hex color **7D8EE2** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E2D17D**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **B6C3FF**, and **455CAA** is the 20% darker color. If you saturate the color by 10%, you get **667BE2**, and if you desaturate by 10%, it is **94A1E2**.

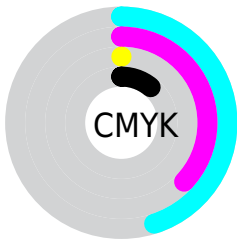
Distribution



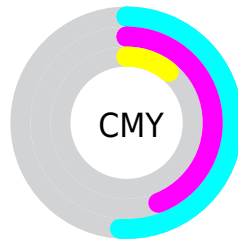
- Red (49%)
- Green (56%)
- Blue (89%)



- Red (49%)
- Yellow (55%)
- Blue (89%)



- Cyan (45%)
- Magenta (37%)
- Yellow (0%)
- Black (11%)



- Cyan (51%)
- Magenta (44%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D8EE2 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 7D8EE2 by changing the saturation by 10% instead.

7D8EE2

7D8EE2

FFFFFF

6175C6

B6C3FF

455CAA

D2DFFF

25458F

F0FCFF

002F75

001B5C

000044

00032D

000117

000000

■ 7D8EE2

■ 7D8EE2

■ 667BE2

■ 94A1E2

■ 5068E2

■ AAB4E2

■ 3956E2

■ C1C6E2

■ 2343E2

■ D7D9E2

■ 0C30E2

■ EEECE2

■ 0026E2

■ FFFFE2

Harmonies

Analogous

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



009CE5



7D8EE2



B87DCA

Triad

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



7D8EE2



D57C55



00A782

Complementary

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



7D8EE2



E2D17D

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.



60A25A



7D8EE2



B88C3F

Square

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



7D8EE2



E1717A



919940



00A8AD

Rectangle

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



7D8EE2



D074B2



919940



31A674

Sweetspot

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



7D8EE2



DEE3FF



7DE2CF



6B6F80



000000



808080

Same Dimension

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



7D8EE2



758CFF



9D7DE2



656770



001EB0



000830

Inverse Universe

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



E27D8E



FF758C



C2E27D



706567



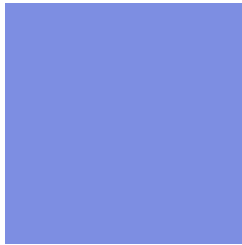
B0001E



300008

Previews

White Background



This preview shows how the Hex color 7D8EE2 looks on a white background.

Color Contrast Check

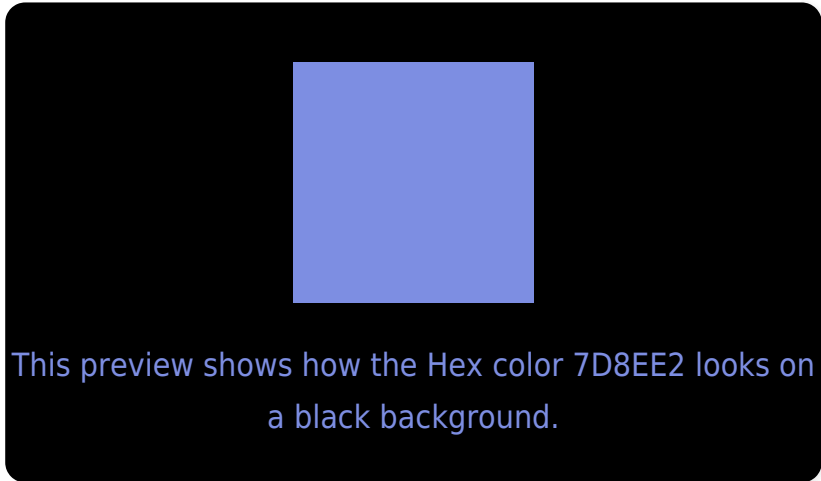
Large Text (above 18pt) WCAG AA ✓ Pass

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

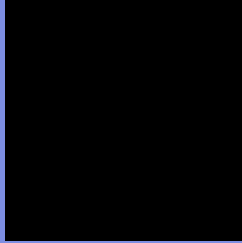
Any Text WCAG AA ✓ Pass

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 7D8EE2 Background



This preview shows how black text looks on a background with the Hex color 7D8EE2.



This preview shows how white text looks on a background with the Hex color 7D8EE2.

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
7D8EE2

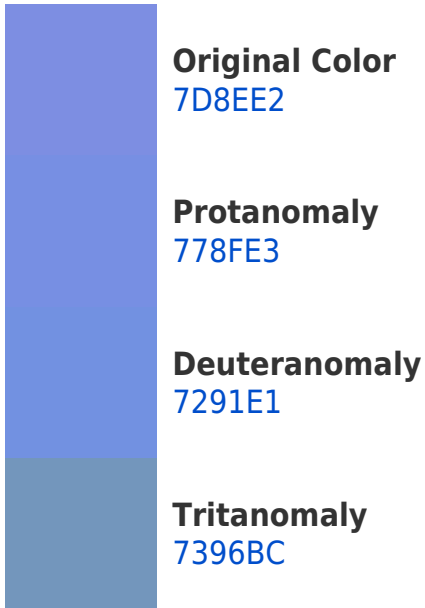
Protanopia
7490E4

Deuteranopia
6C92E1

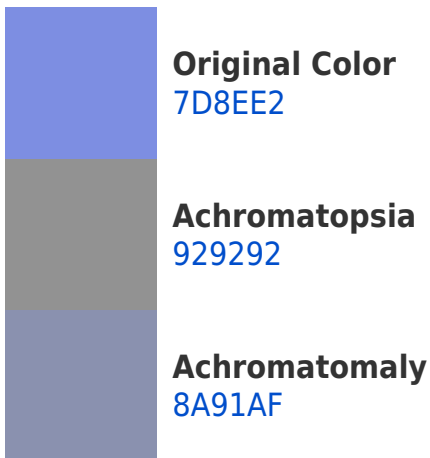


Tritanopia
6D9AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7D8EE2 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 #7D8EE2 looks like.

```
.text, #text, p{  
    color:#7D8EE2  
}
```

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 #7D8EE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D8EE2
}
```

Border

The CSS property to change the border of an element to Hex 7D8EE2 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
#7D8EE2 }
```

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

```
.border{ border-color:#7D8EE2 }
```

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

Here you see how a box with a 4 pixel #7D8EE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D8EE2; -webkit-box-shadow:4px 4px  
4px 4px #7D8EE2; box-shadow:4px 4px 4px  
4px #7D8EE2 }
```

Background

The CSS property to change the background color of an element to Hex 7D8EE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D8EE2 }
```

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

```
.background{ background-color:#7D8EE2 }
```

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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