

# Converting Colors

Hex(7882E5)

Have a look what the booklet for  
Hex(7882E5) contains.

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# **Color**

**Hex(7882E5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7882E5
RGB	120, 130, 229
RGB Percent	47%, 51%, 90%
CMY	0.5294, 0.4902, 0.1020
CMYK	0.48, 0.43, 0.00, 0.10
HSL	234°, 68%, 68%
HSV	234°, 48%, 90%
XYZ	29.8712, 25.6155, 77.4986
YIQ	138.2960, -37.7390, 28.6690

# Conversions

## Conversions Part 2

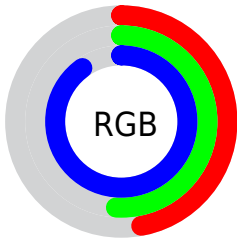
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">120, 129, 229</a>
Decimal	<a href="#">7897829</a>
CIELab	<a href="#">57.67, 22.40, -51.55</a>
CIELCh	<a href="#">58, 56.209, 293.486</a>
Yxy	<a href="#">25.6155, 0.2246, 0.1926</a>
Android (android.graphics.Color)	<a href="#">4286087909 (0xFF7882E5)</a>
YUV	<a href="#">138.2960, 44.7171, -16.0456</a>
Hunter-Lab	<a href="#">50.6117, 16.7808, -55.3589</a>

# Details

The Hex color **7882E5** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E5DB78**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B1B7FF**, and **3D51AD** is the 20% darker color. If you saturate the color by 10%, you get **616DE5**, and if you desaturate by 10%, it is **8F97E5**.

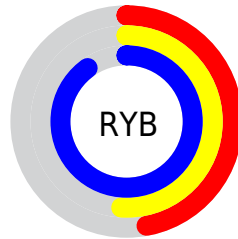
# Distribution



Red (47%)

Green (51%)

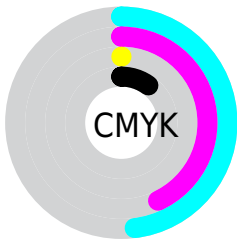
Blue (90%)



Red (47%)

Yellow (51%)

Blue (90%)

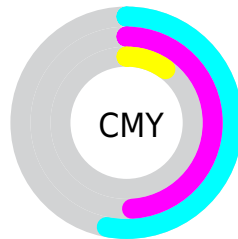


Cyan (48%)

Magenta (43%)

Yellow (0%)

Black (10%)



Cyan (53%)

Magenta (49%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7882E5 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 7882E5 by changing the saturation by 10% instead.



■ 7882E5

■ 7882E5

FFFFFF

■ 5B69C9

■ B1B7FF

■ 3D51AD

■ CED2FF

■ 193A92

■ ECEFFF

■ 002578

■ 00125E

■ 000046

■ 00042F

■ 000119

■ 000000

 7882E5

 7882E5

 616DE5

 8F97E5

 4A58E5

 A6ACE5

 3344E5

 BDC0E5

 1C2FE5

 D4D5E5

 061AE5

 EBAAE5

 0015E5

 FFFFE5

# Harmonies

## Analogous

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



0093EC



7882E5



BC6DC6

# Triad

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



7882E5



D1713C



00A17E

# Complementary

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



7882E5



E5DB78

# 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.



3E9D4D



7882E5



AD841F

# Square

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



7882E5



E36066



7F9327



00A2B0

# Rectangle

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



7882E5



D661A8



7F9327



00A06D



# Sweetspot

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



7882E5



DBDFFF



78E5DA



6A6C80



000000



808080



# Same Dimension

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



7882E5



6E7BFF



A478E5



676873



0010B3



000533



# Inverse Universe

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



E57882



FF6E7B



B9E578



736768



B30010

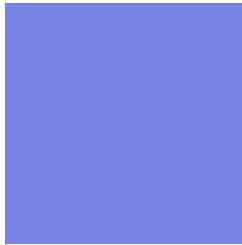


330005



# Previews

## White Background



This preview shows how the Hex color 7882E5 looks on a white background.

## Color Contrast Check

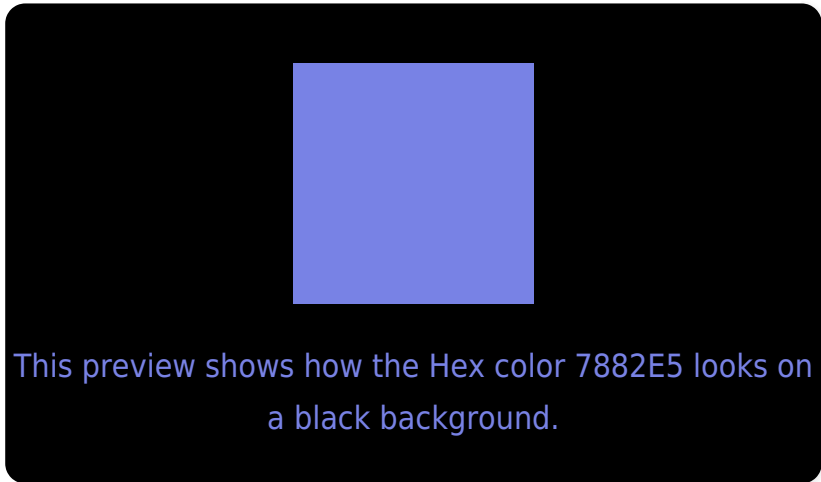
Large Text (above 18pt) WCAG AA ✓ Pass

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 7882E5 Background



This preview shows how black text looks on a background with the Hex color 7882E5.



This preview shows how white text looks on a background with the Hex color 7882E5.

# 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](#).

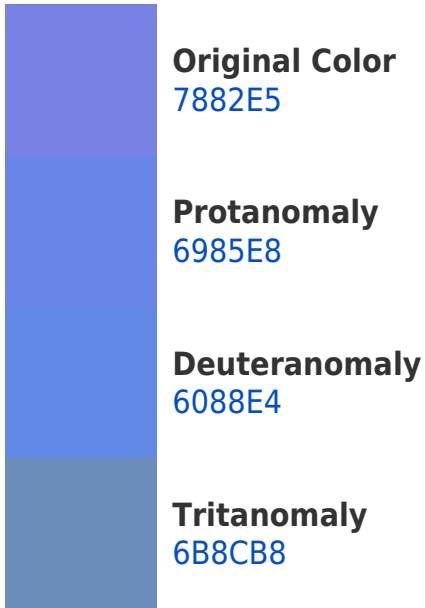
## Dichromacy



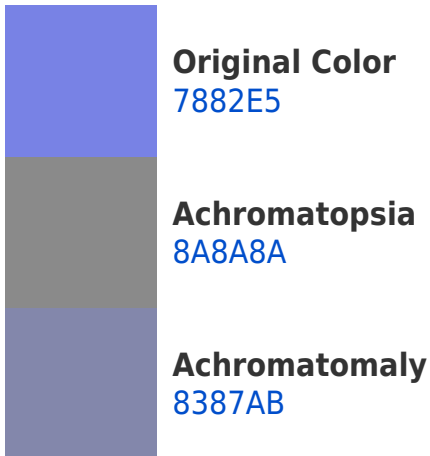


**Tritanopia**  
63929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7882E5 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 #7882E5 looks like.

```
.text, #text, p{  
    color:#7882E5  
}
```

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 #7882E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7882E5
}
```

## Border

The CSS property to change the border of an element to Hex 7882E5 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
#7882E5 }
```

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

```
.border{ border-color:#7882E5 }
```

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

Here you see how a box with a 4 pixel #7882E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7882E5; -webkit-box-shadow:4px 4px  
4px 4px #7882E5; box-shadow:4px 4px 4px  
4px #7882E5 }
```

# Background

The CSS property to change the background color of an element to Hex 7882E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7882E5 }
```

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

```
.background{ background-color:#7882E5 }
```

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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