

# Converting Colors

Hex(7D82E2)

Have a look what the booklet for  
Hex(7D82E2) contains.

<b>Hex(7D82E2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(7D82E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D82E2
RGB	125, 130, 226
RGB Percent	49%, 51%, 89%
CMY	0.5098, 0.4902, 0.1137
CMYK	0.45, 0.42, 0.00, 0.11
HSL	237°, 64%, 69%
HSV	237°, 45%, 89%
XYZ	30.1675, 25.8162, 75.3445
YIQ	139.4490, -33.7960, 28.7960

# Conversions

## Conversions Part 2

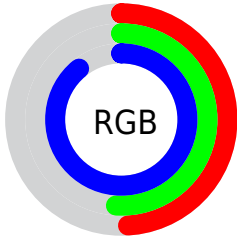
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">125, 130, 226</a>
Decimal	<a href="#">8225506</a>
CIELab	<a href="#">57.86, 22.69, -49.55</a>
CIELCh	<a href="#">58, 54.501, 294.607</a>
Yxy	<a href="#">25.8162, 0.2297, 0.1966</a>
Android (android.graphics.Color)	<a href="#">4286415586 (0xFF7D82E2)</a>
YUV	<a href="#">139.4490, 42.6696, -12.6718</a>
Hunter-Lab	<a href="#">50.8097, 17.0650, -52.3531</a>

# Details

The Hex color **7D82E2** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E2DD7D**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **B6B7FF**, and **4451AA** is the 20% darker color. If you saturate the color by 10%, you get **666DE2**, and if you desaturate by 10%, it is **9497E2**.

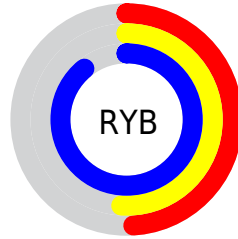
# Distribution



Red (49%)

Green (51%)

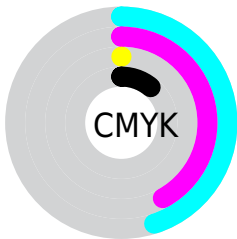
Blue (89%)



Red (49%)

Yellow (51%)

Blue (89%)

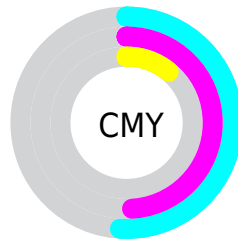


Cyan (45%)

Magenta (42%)

Yellow (0%)

Black (11%)



Cyan (51%)

Magenta (49%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D82E2 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 7D82E2 by changing the saturation by 10% instead.



7D82E2

7D82E2

FFFFFF

6169C6

B6B7FF

4451AA

D3D2FF

243A8F

F0EFFF

002575

00125C

000044

00032C

000117

000000

 7D82E2

 7D82E2

 666DE2

 9497E2

 5057E2

 AAAD E2

 3942E2

 C1C2E2

 232CE2

 D7D8E2

 0C17E2

 EEED E2

 000BE2

 FFFF E2

# Harmonies

## Analogous

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



0093EA



7D82E2



BD6EC3

# Triad

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



7D82E2



CE733E



00A181

# Complementary

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



7D82E2



E2DD7D

# 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.



3F9D51



7D82E2



AC8624

# Square

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



7D82E2



E16366



7E942D



00A2B1

# Rectangle

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



7D82E2



D563A6



7E942D



00A170



# Sweetspot

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



7D82E2



DEDEFF



7DE2DD



6B6C80



000000



808080



# Same Dimension

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



7D82E2



757CFF



AA7DE2



656670



0009B0



000230



# Inverse Universe

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



E27D82



FF757C



B5E27D



706566



B00009

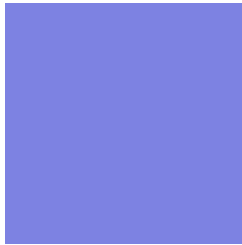


300002



# Previews

## White Background



This preview shows how the Hex color 7D82E2 looks on a white background.

## Color Contrast Check

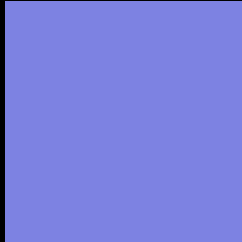
Large Text (above 18pt) WCAG AA ✓ Pass

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 7D82E2 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 7D82E2 Background



This preview shows how black text looks on a background with the Hex color 7D82E2.

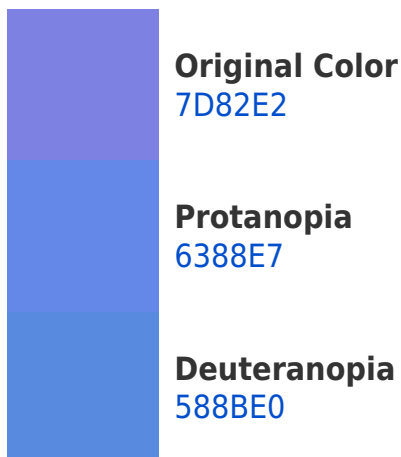



This preview shows how white text looks on a background with the Hex color 7D82E2.

# 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](#).

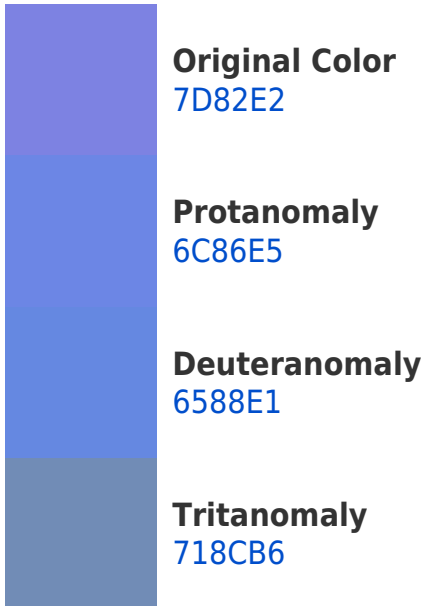
## Dichromacy





**Tritanopia**  
6A919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D82E2 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 #7D82E2 looks like.

```
.text, #text, p{  
    color:#7D82E2  
}
```

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 #7D82E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D82E2
}
```

## Border

The CSS property to change the border of an element to Hex 7D82E2 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
#7D82E2 }
```

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

```
.border{ border-color:#7D82E2 }
```

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

Here you see how a box with a 4 pixel #7D82E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D82E2; -webkit-box-shadow:4px 4px  
4px 4px #7D82E2; box-shadow:4px 4px 4px  
4px #7D82E2 }
```

# Background

The CSS property to change the background color of an element to Hex 7D82E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D82E2 }
```

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

```
.background{ background-color:#7D82E2 }
```

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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