

# Converting Colors

Hex(7182E6)

Have a look what the booklet for  
Hex(7182E6) contains.

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# **Color**

**Hex(7182E6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7182E6
RGB	113, 130, 230
RGB Percent	44%, 51%, 90%
CMY	0.5569, 0.4902, 0.0980
CMYK	0.51, 0.43, 0.00, 0.10
HSL	231°, 70%, 67%
HSV	231°, 51%, 90%
XYZ	29.0756, 25.1891, 78.1925
YIQ	136.3170, -42.2320, 27.4960

# Conversions

## Conversions Part 2

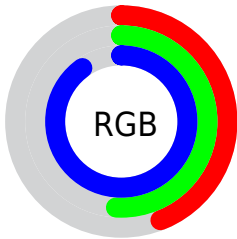
Format	Color
<a href="#">RYB</a>	<a href="#">113, 128, 230</a>
Decimal	<a href="#">7439078</a>
CIELab	<a href="#">57.26, 21.13, -52.79</a>
CIELCh	<a href="#">57, 56.862, 291.811</a>
Yxy	<a href="#">25.1891, 0.2195, 0.1902</a>
Android (android.graphics.Color)	<a href="#">4285629158 (0xFF7182E6)</a>
YUV	<a href="#">136.3170, 46.1857, -20.4490</a>
Hunter-Lab	<a href="#">50.1888, 15.5791, -57.2397</a>

# Details

The Hex color **7182E6** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E6D571**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **ABB7FF**, and **3451AE** is the 20% darker color. If you saturate the color by 10%, you get **5A6EE6**, and if you desaturate by 10%, it is **8896E6**.

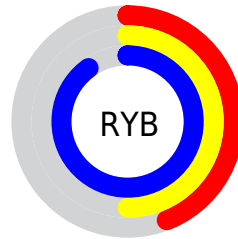
# Distribution



Red (44%)

Green (51%)

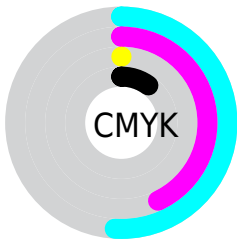
Blue (90%)



Red (44%)

Yellow (50%)

Blue (90%)

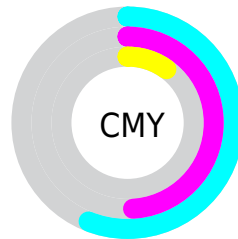


Cyan (51%)

Magenta (43%)

Yellow (0%)

Black (10%)



Cyan (56%)

Magenta (49%)


Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7182E6 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 7182E6 by changing the saturation by 10% instead.



 7182E6

 7182E6

FFFFFF

 5469CA

 ABB7FF

 3451AE

 C8D2FF

 023B93

 E6EEFF

 002678

 00135F

 000147

 00042F

 00011A

 000000

7182E6

7182E6

5A6EE6

8896E6

435BE6

9FA9E6

2C47E6

B6BDE6

1533E6

CDD1E6

0021E6

E4E4E6

FBF8E6

FFFFE6

# Harmonies

## Analogous

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



0093EC



7182E6



B86CC7

# Triad

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



7182E6



D16E3C



00A07A

# Complementary

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



7182E6



E6D571

# 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.



419B49



7182E6



AF821D

# Square

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



7182E6



E35D68



809223



00A1AD

# Rectangle

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



7182E6



D460AA



809223



009F69



# Sweetspot

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



7182E6



D9DEFF



71E6D4



696C80



000000



808080



# Same Dimension

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



7182E6



637AFF



9A71E6



676973



001AB3



000733



# Inverse Universe

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



E67182



FF637A



BDE671



736769



B3001A

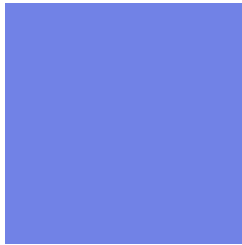


330007



# Previews

## White Background



This preview shows how the Hex color 7182E6 looks on a white background.

## Color Contrast Check

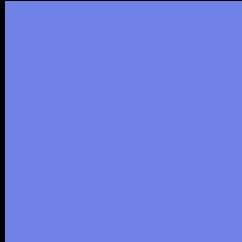
Large Text (above 18pt) WCAG AA ✓ Pass

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 7182E6 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 7182E6 Background



This preview shows how black text looks on a background with the Hex color 7182E6.

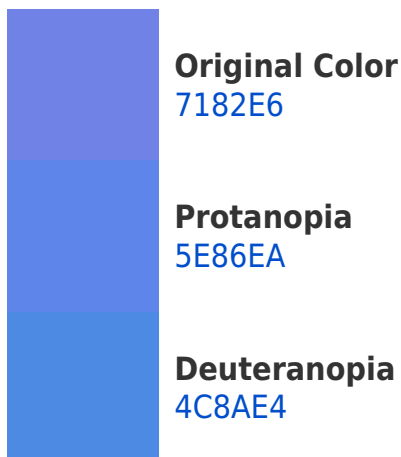



This preview shows how white text looks on a background with the Hex color 7182E6.

# 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](#).

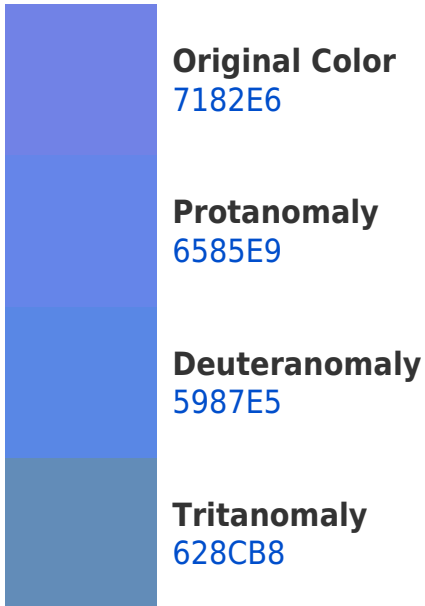
## Dichromacy



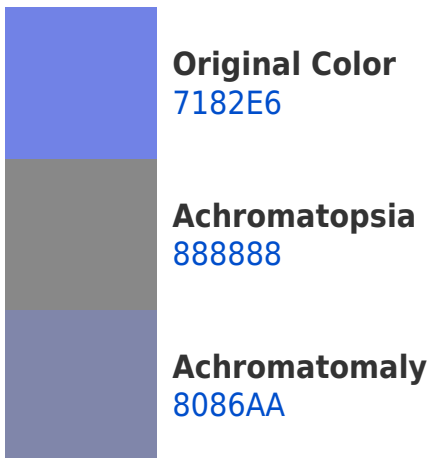


**Tritanopia**  
5A929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7182E6 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 #7182E6 looks like.

```
.text, #text, p{  
    color:#7182E6  
}
```

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 #7182E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7182E6  
}
```

## Border

The CSS property to change the border of an element to Hex 7182E6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

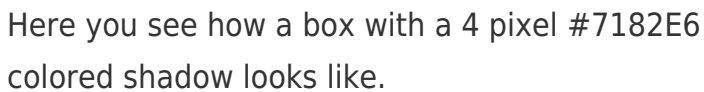
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#7182E6 }
```

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

```
.border{ border-color:#7182E6 }
```

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



Here you see how a box with a 4 pixel #7182E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7182E6; -webkit-box-shadow:4px 4px  
4px 4px #7182E6; box-shadow:4px 4px 4px  
4px #7182E6 }
```

# Background

The CSS property to change the background color of an element to Hex 7182E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7182E6 }
```

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

```
.background{ background-color:#7182E6 }
```

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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