

Converting Colors

Hex(7886E0)

Have a look what the booklet for
Hex(7886E0) contains.

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Color

Hex(7886E0)

Conversions

Conversions Part 1

Format	Color
Hex	7886E0
RGB	120, 134, 224
RGB Percent	47%, 53%, 88%
CMY	0.5294, 0.4745, 0.1216
CMYK	0.46, 0.40, 0.00, 0.12
HSL	232°, 63%, 67%
HSV	232°, 46%, 88%
XYZ	29.7254, 26.4251, 74.0549
YIQ	140.0740, -37.2340, 25.0220

Conversions

Conversions Part 2

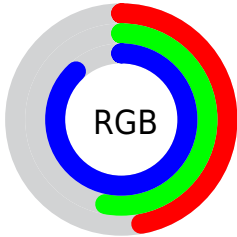
Format	Color
RYB	120, 132, 224
Decimal	7898848
CIELab	58.44, 18.54, -47.54
CIElCh	58, 51.028, 291.299
Yxy	26.4251, 0.2283, 0.2029
Android (android.graphics.Color)	4286088928 (0xFF7886E0)
YUV	140.0740, 41.3755, -17.6049
Hunter-Lab	51.4053, 13.2591, -49.4298

Details

The Hex color **7886E0** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E0D278**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **B1BBFF**, and **3F55A8** is the 20% darker color. If you saturate the color by 10%, you get **6273E0**, and if you desaturate by 10%, it is **8E99E0**.

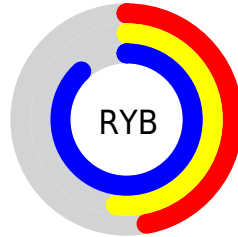
Distribution



Red (47%)

Green (53%)

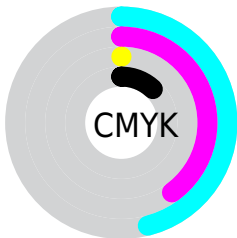
Blue (88%)



Red (47%)

Yellow (52%)

Blue (88%)

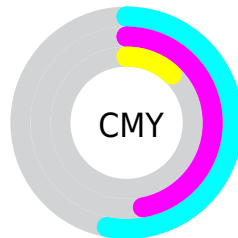


Cyan (46%)

Magenta (40%)

Yellow (0%)

Black (12%)



Cyan (53%)

Magenta (47%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7886E0 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 7886E0 by changing the saturation by 10% instead.

 7886E0

 7886E0

FFFFFF

 5C6DC4

 B1BBFF

 3F55A8

 CED7FF

 1D3E8D

 EBF3FF

 002873

 00155A

 000042

 00032B

 000115

 000000

■ 7886E0

■ 7886E0

■ 6273E0

■ 8E99E0

■ 4B5FE0

■ A5ADE0

■ 354CE0

■ BBC0E0

■ 1E38E0

■ D2D4E0

■ 0825E0

■ E8E7E0

■ 001EE0

■ FEFAE0

■ FFFFE0

Harmonies

Analogous

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



0095E5



7886E0



B774C5

Triad

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



7886E0



D07448



00A27E

Complementary

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



7886E0



E0D278

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.



509D52



7886E0



B08630

Square

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



7886E0



DF676F



869433



00A2AC

Rectangle

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



7886E0



D069AA



869433



00A16E

Sweetspot

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



7886E0



DBE0FF



78E0D0



6A6D80



000000



808080

Same Dimension

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



7886E0



7083FF



9C78E0



656670



0018B0



000730

Inverse Universe

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



E07886



FF7083



BCE078



706566



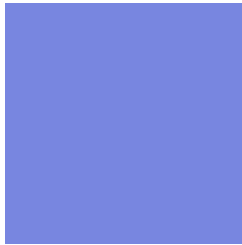
B00018



300007

Previews

White Background



This preview shows how the Hex color 7886E0 looks on a white background.

Color Contrast Check

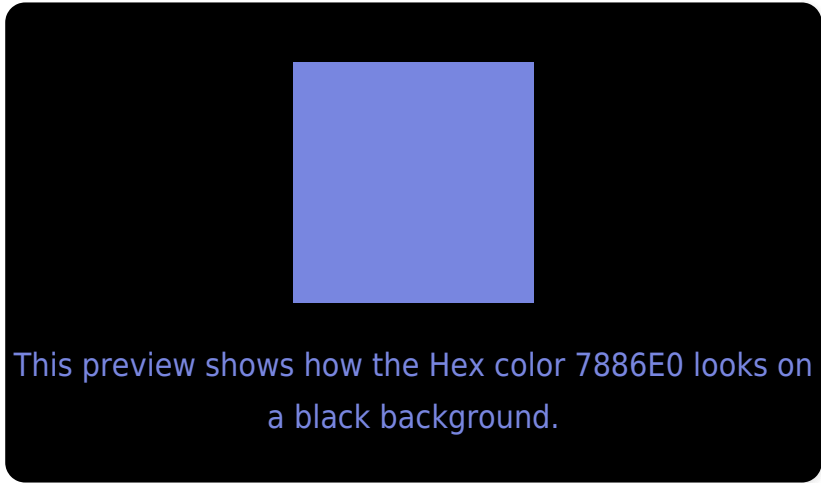
Large Text (above 18pt) WCAG AA ✓ Pass

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 7886E0 Background



This preview shows how black text looks on a background with the Hex color 7886E0.

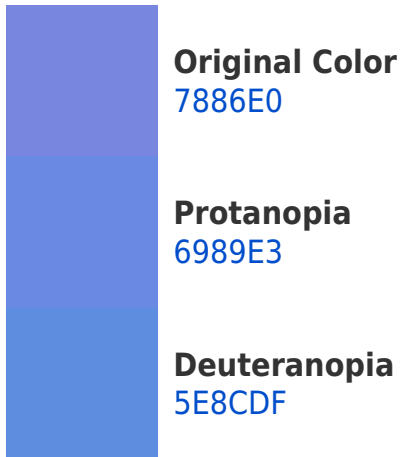


This preview shows how white text looks on a background with the Hex color 7886E0.

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](#).

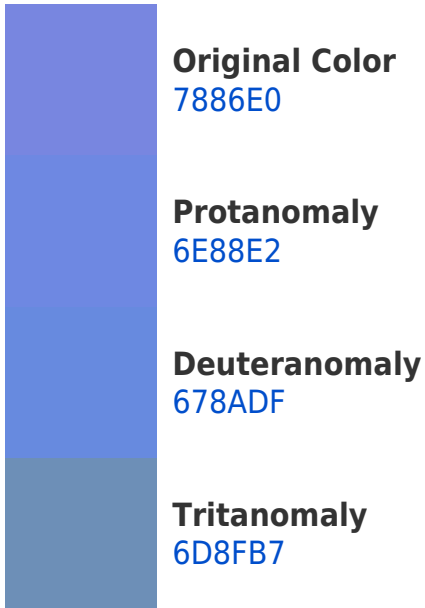
Dichromacy



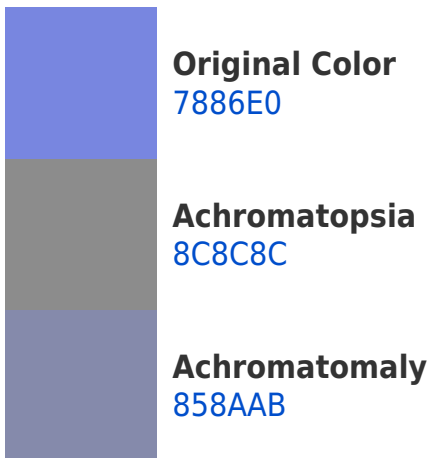


Tritanopia
6694A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7886E0 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 #7886E0 looks like.

```
.text, #text, p{  
    color:#7886E0  
}
```

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 #7886E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7886E0
}
```

Border

The CSS property to change the border of an element to Hex 7886E0 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
#7886E0 }
```

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

```
.border{ border-color:#7886E0 }
```

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

Here you see how a box with a 4 pixel #7886E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7886E0; -webkit-box-shadow:4px 4px  
4px 4px #7886E0; box-shadow:4px 4px 4px  
4px #7886E0 }
```

Background

The CSS property to change the background color of an element to Hex 7886E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7886E0 }
```

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

```
.background{ background-color:#7886E0 }
```

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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