

# Converting Colors

Hex(7F86D7)

Have a look what the booklet for  
Hex(7F86D7) contains.

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# **Color**

**Hex(7F86D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F86D7
RGB	127, 134, 215
RGB Percent	50%, 53%, 84%
CMY	0.5020, 0.4745, 0.1569
CMYK	0.41, 0.38, 0.00, 0.16
HSL	235°, 52%, 67%
HSV	235°, 41%, 84%
XYZ	29.5432, 26.4685, 67.8418
YIQ	141.1410, -30.1730, 23.7070

# Conversions

## Conversions Part 2

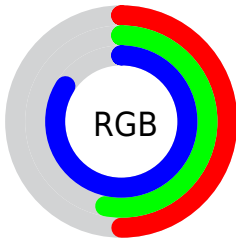
Format	Color
<a href="#">RYB</a>	<a href="#">127, 133, 215</a>
Decimal	<a href="#">8357591</a>
CIELab	<a href="#">58.48, 17.67, -42.41</a>
CIELCh	<a href="#">58, 45.941, 292.614</a>
Yxy	<a href="#">26.4685, 0.2385, 0.2137</a>
Android (android.graphics.Color)	<a href="#">4286547671</a> ( <a href="#">0xFF7F86D7</a> )
YUV	<a href="#">141.1410, 36.4125, -12.4017</a>
Hunter-Lab	<a href="#">51.4476, 12.4686, -42.1700</a>

# Details

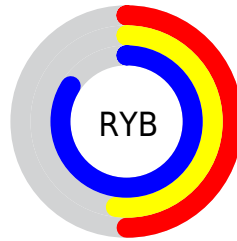
The Hex color **7F86D7** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D7D07F**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **B7BBFF**, and **4855A0** is the 20% darker color. If you saturate the color by 10%, you get **6A72D7**, and if you desaturate by 10%, it is **959AD7**.

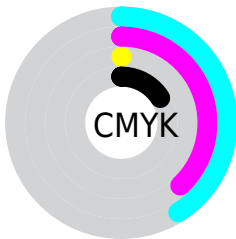
# Distribution



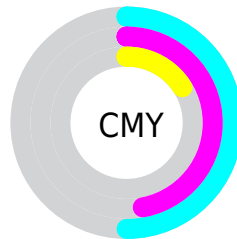
- Red (50%)
- Green (53%)
- Blue (84%)



- Red (50%)
- Yellow (52%)
- Blue (84%)



- Cyan (41%)
- Magenta (38%)
- Yellow (0%)
- Black (16%)



- Cyan (50%)
- Magenta (47%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F86D7 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 7F86D7 by changing the saturation by 10% instead.



 7F86D7

 7F86D7

FFFFFF

 646DBB

 B7BBFF

 4855A0

 D3D7FF

 2C3E85

 F1F3FF

 04286C

 001553

 00003B

 000225

 00010D

 000000

 7F86D7

 7F86D7

 6A72D7

 959AD7

 545ED7

 AAAED7

 3E4BD7

 C0C1D7

 2937D7

 D5D5D7

 1423D7

 EBE9D7

 0011D7

 FFFDD7

 FFFF7

# Harmonies

## Analogous

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



1494DC



7F86D7



B576BE

# Triad

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



7F86D7



C9784E



00A081

# Complementary

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



7F86D7



D7D07F

# 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.



559C5A



7F86D7



AD873A

# Square

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



7F86D7



D86C70



86943F



00A1AA

# Rectangle

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



7F86D7



CB6EA6



86943F



219F73



# Sweetspot

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



7F86D7



E0E3FF



7FD7D0



6E6F80



000000



808080



# Same Dimension

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



7F86D7



828CFF



A47FD7



60616B



000EAB



00032B



# Inverse Universe

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



D77F86



FF828C



B2D77F



6B6061



AB000E

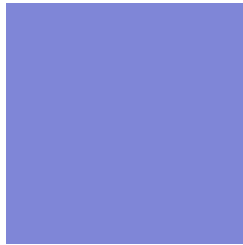


2B0003



# Previews

## White Background



This preview shows how the Hex color 7F86D7 looks on a white background.

## Color Contrast Check

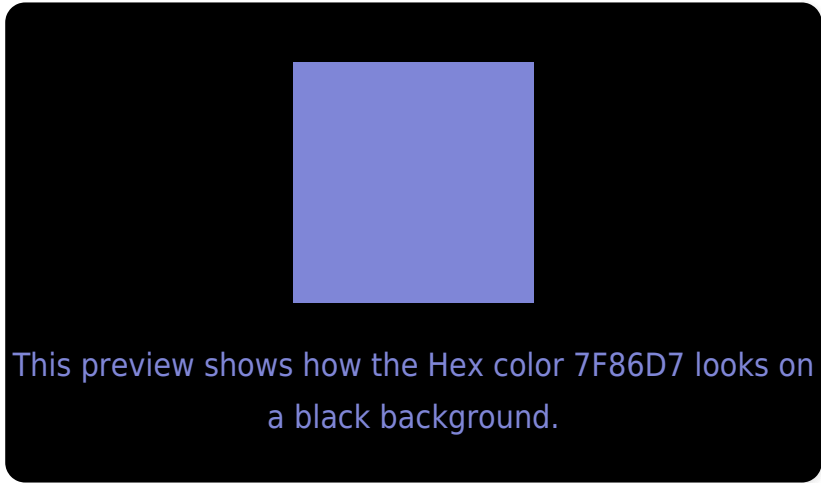
Large Text (above 18pt) WCAG AA ✓ Pass

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

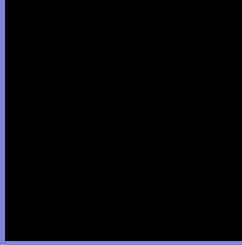
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7F86D7 Background



This preview shows how black text looks on a background with the Hex color 7F86D7.

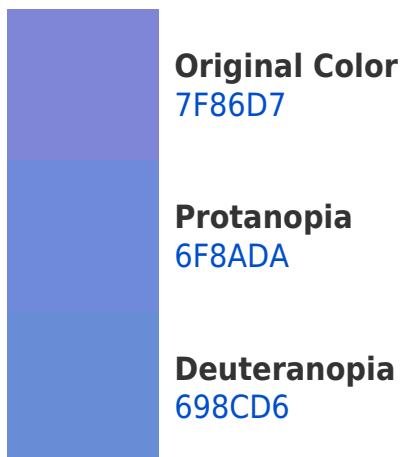


This preview shows how white text looks on a background with the Hex color 7F86D7.

# 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](#).

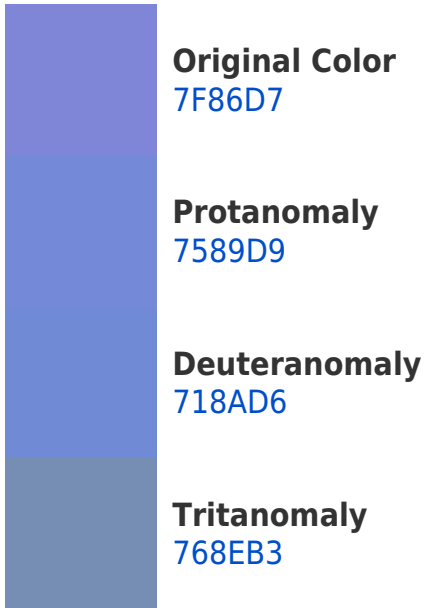
## Dichromacy



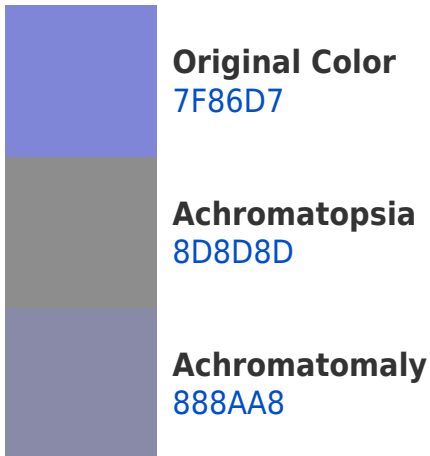


**Tritanopia**  
71929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F86D7 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 #7F86D7 looks like.

```
.text, #text, p{  
    color:#7F86D7  
}
```

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 #7F86D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F86D7
}
```

## Border

The CSS property to change the border of an element to Hex 7F86D7 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
#7F86D7 }
```

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

```
.border{ border-color:#7F86D7 }
```

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

Here you see how a box with a 4 pixel #7F86D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F86D7; -webkit-box-shadow:4px 4px  
4px 4px #7F86D7; box-shadow:4px 4px 4px  
4px #7F86D7 }
```

# Background

The CSS property to change the background color of an element to Hex 7F86D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F86D7 }
```

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

```
.background{ background-color:#7F86D7 }
```

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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