

# Converting Colors

Hex(7E93DF)

Have a look what the booklet for  
Hex(7E93DF) contains.

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# **Color**

**Hex(7E93DF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E93DF
RGB	126, 147, 223
RGB Percent	49%, 58%, 87%
CMY	0.5059, 0.4235, 0.1255
CMYK	0.43, 0.34, 0.00, 0.13
HSL	227°, 60%, 68%
HSV	227°, 43%, 87%
XYZ	32.3572, 30.6308, 74.0190
YIQ	149.3850, -36.9120, 19.1840

# Conversions

## Conversions Part 2

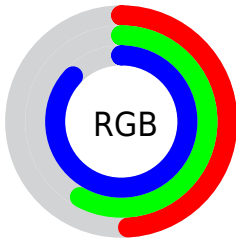
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 143, 223
Decimal	8295391
CIE <sub>Lab</sub>	62.19, 12.08, -41.04
CIE <sub>LCh</sub>	62, 42.778, 286.401
Yxy	30.6308, 0.2362, 0.2236
Android (android.graphics.Color)	4286485471 (0xFF7E93DF)
YUV	149.3850, 36.2922, -20.5086
Hunter-Lab	55.3451, 7.5051, -40.5534

# Details

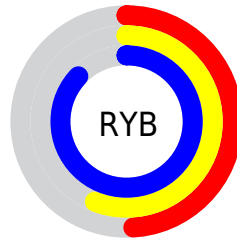
The Hex color **7E93DF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **DFCA7E**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **B6C9FF**, and **4661A7** is the 20% darker color. If you saturate the color by 10%, you get **6882DF**, and if you desaturate by 10%, it is **94A4DF**.

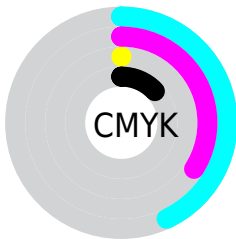
# Distribution



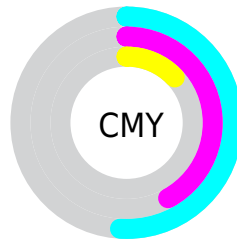
- Red (49%)
- Green (58%)
- Blue (87%)



- Red (49%)
- Yellow (56%)
- Blue (87%)



- Cyan (43%)
- Magenta (34%)
- Yellow (0%)
- Black (13%)



- Cyan (51%)
- Magenta (42%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E93DF 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 7E93DF by changing the saturation by 10% instead.



 7E93DF

 7E93DF

FFFFFF

 6279C3

 B6C9FF

 4661A7

 D3E5FF

 28498D

 F0FFFF

 003373

 001F5A

 000542

 00032B

 000115

 000000

 7E93DF

 7E93DF

 6882DF

 94A4DF


 5170DF

 ABB6DF

 3B5FDF

 C1C7DF

 254DDF

 D7D9DF

 0F3CDF

 EEEADF

 0030DF

 FFFCDF

 FFFFDF

# Harmonies

## Analogous

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



259FE0



7E93DF



B484CB

# Triad

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



7E93DF



D58161



33A983

# Complementary

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



7E93DF



DFCA7E

# 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.



6EA460



7E93DF



BC8E4C

# Square

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



7E93DF



DF7883



999B4B



00AAAA

# Rectangle

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



7E93DF



CC7CB5



999B4B



4BA877



# Sweetspot

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



7E93DF



DEE5FF



7EDFCA



6B7080



000000



808080



# Same Dimension

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



7E93DF



7A97FF



997EDF



656770



0026B0



000A30



# Inverse Universe

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



DF7E93



FF7A97



C4DF7E



706567



B00026

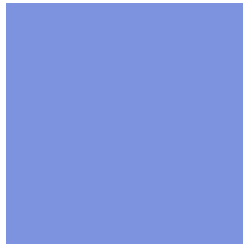


30000A



# Previews

## White Background



This preview shows how the Hex color 7E93DF looks on a white background.

## Color Contrast Check

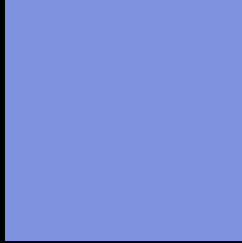
Large Text (above 18pt) WCAG AA × Fail

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 7E93DF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

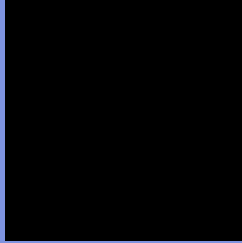
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7E93DF Background



This preview shows how black text looks on a background with the Hex color 7E93DF.



This preview shows how white text looks on a background with the Hex color 7E93DF.

# 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



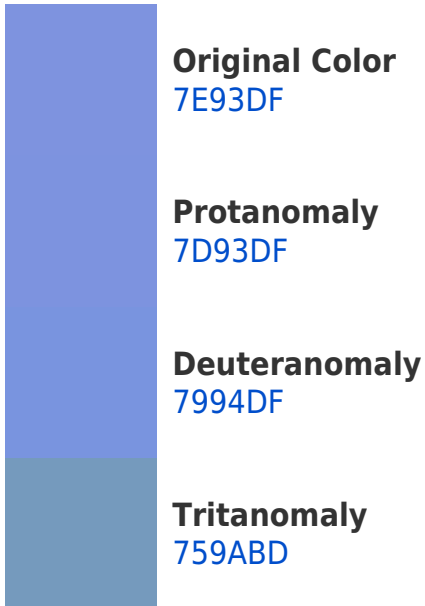
**Original Color**  
7E93DF

**Protanopia**  
7C93DF

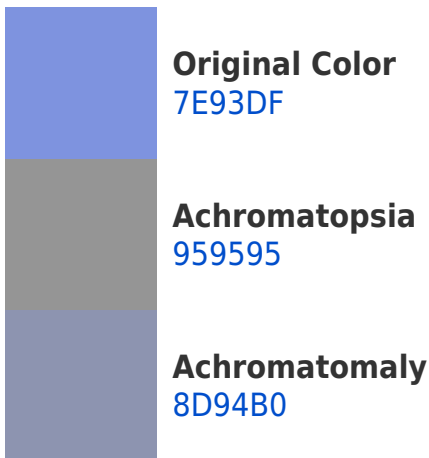
**Deuteranopia**  
7695DF



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E93DF 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 #7E93DF looks like.

```
.text, #text, p{  
    color:#7E93DF  
}
```

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 #7E93DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E93DF
}
```

## Border

The CSS property to change the border of an element to Hex 7E93DF 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
#7E93DF }
```

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

```
.border{ border-color:#7E93DF }
```

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

Here you see how a box with a 4 pixel #7E93DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E93DF; -webkit-box-shadow:4px 4px  
4px 4px #7E93DF; box-shadow:4px 4px 4px  
4px #7E93DF }
```

# Background

The CSS property to change the background color of an element to Hex 7E93DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E93DF }
```

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

```
.background{ background-color:#7E93DF }
```

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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