

Converting Colors

Hex(879DE1)

Have a look what the booklet for
Hex(879DE1) contains.

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Color

Hex(879DE1)

Conversions

Conversions Part 1

Format	Color
Hex	879DE1
RGB	135, 157, 225
RGB Percent	53%, 62%, 88%
CMY	0.4706, 0.3843, 0.1176
CMYK	0.40, 0.30, 0.00, 0.12
HSL	225°, 60%, 71%
HSV	225°, 40%, 88%
XYZ	35.6393, 34.7011, 76.0538
YIQ	158.1740, -34.9400, 16.4840

Conversions

Conversions Part 2

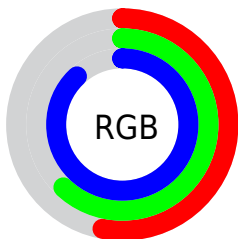
Format	Color
R _Y B	135, 153, 225
Decimal	8887777
CIE Lab	65.52, 9.19, -36.91
CIE LCh	66, 38.037, 283.985
Yxy	34.7011, 0.2434, 0.2370
Android (android.graphics.Color)	4287077857 (0xFF879DE1)
YUV	158.1740, 32.9452, -20.3236
Hunter-Lab	58.9076, 4.9046, -35.3121

Details

The Hex color **879DE1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E1CB87**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **BFD3FF**, and **506AA9** is the 20% darker color. If you saturate the color by 10%, you get **718CE1**, and if you desaturate by 10%, it is **9DAEE1**.

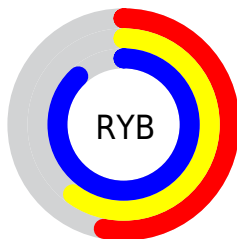
Distribution



Red (53%)

Green (62%)

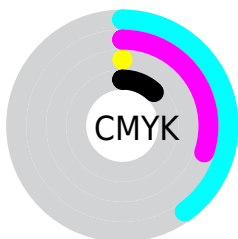
Blue (88%)



Red (53%)

Yellow (60%)

Blue (88%)

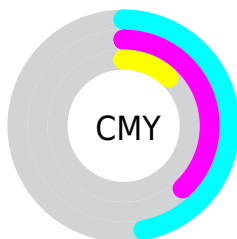


Cyan (40%)

Magenta (30%)

Yellow (0%)

Black (12%)



Cyan (47%)

Magenta (38%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 879DE1 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 879DE1 by changing the saturation by 10% instead.

879DE1

879DE1

FFFFFF

6C83C5

BFD3FF

506AA9

DCF0FF

35528F

F9FFFF

143B75

00265C

001244

00032D

000117

000000

■ 879DE1

■ 879DE1

■ 718CE1

■ 9DAEE1

■ 5A7BE1

■ B4BFE1

■ 446AE1

■ CBD0E1

■ 2D59E1

■ E1E1E1

■ 1648E1

■ F8F2E1

■ 0037E1

■ FFFFE1

Harmonies

Analogous

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



48A8E0



879DE1



B790D0

Triad

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



879DE1



DA8B71



53B08B

Complementary

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



879DE1



E1CB87

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.



7FAB6D



879DE1



C5975E

Square

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



879DE1



E18490



A5A25C



0FB1AE

Rectangle

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



879DE1



CE89BE



A5A25C



63AF80

Sweetspot

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



879DE1



E0E8FF



87E1CB



6E7280



000000



808080

Same Dimension

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



879DE1



85A3FF



9D87E1



656870



002BB0



000C30

Inverse Universe

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



E1879D



FF85A3



CBE187



706568



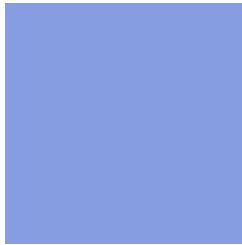
B0002B



30000C

Previews

White Background



This preview shows how the Hex color 879DE1 looks on a white background.

Color Contrast Check

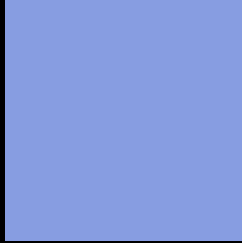
Large Text (above 18pt) WCAG AA × Fail

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 879DE1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

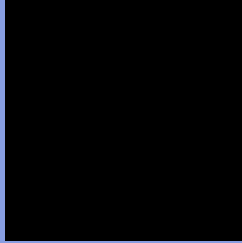
Any Text WCAG AA ✓ Pass

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 879DE1 Background



This preview shows how black text looks on a background with the Hex color 879DE1.



This preview shows how white text looks on a background with the Hex color 879DE1.

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
879DE1

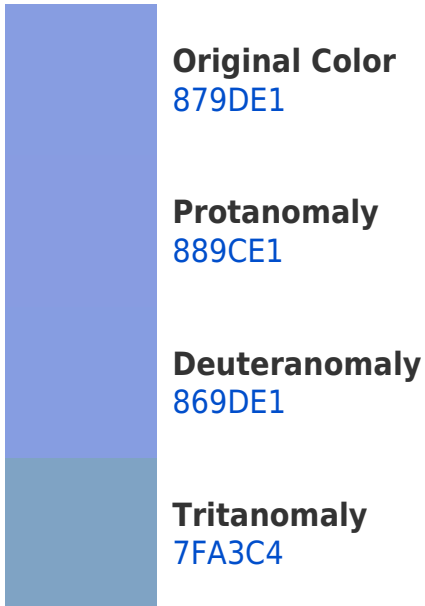
Protanopia
899CE1

Deuteranopia
869DE1

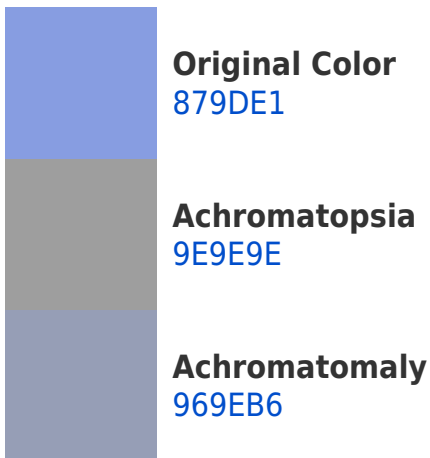


Tritanopia
7BA6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 879DE1 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 #879DE1 looks like.

```
.text, #text, p{  
    color:#879DE1  
}
```

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 #879DE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #879DE1
}
```

Border

The CSS property to change the border of an element to Hex 879DE1 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
#879DE1 }
```

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

```
.border{ border-color:#879DE1 }
```

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

Here you see how a box with a 4 pixel #879DE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #879DE1; -webkit-box-shadow:4px 4px  
4px 4px #879DE1; box-shadow:4px 4px 4px  
4px #879DE1 }
```

Background

The CSS property to change the background color of an element to Hex 879DE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#879DE1 }
```

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

```
.background{ background-color:#879DE1 }
```

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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