

Converting Colors

Hex(8798E8)

Have a look what the booklet for
Hex(8798E8) contains.

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Color

Hex(8798E8)

Conversions

Conversions Part 1

Format	Color
Hex	8798E8
RGB	135, 152, 232
RGB Percent	53%, 60%, 91%
CMY	0.4706, 0.4039, 0.0902
CMYK	0.42, 0.34, 0.00, 0.09
HSL	229°, 68%, 72%
HSV	229°, 42%, 91%
XYZ	35.7854, 33.4336, 80.9112
YIQ	156.0370, -35.8120, 21.2760

Conversions

Conversions Part 2

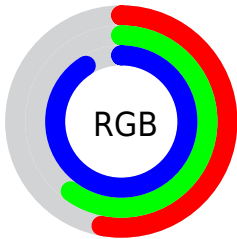
Format	Color
R_{YB}	135, 149, 232
Decimal	8886504
CIE _{Lab}	64.51, 14.02, -42.34
CIE _{LCh}	65, 44.601, 288.315
Yxy	33.4336, 0.2384, 0.2227
Android (android.graphics.Color)	4287076584 (0xFF8798E8)
YUV	156.0370, 37.4498, -18.4494
Hunter-Lab	57.8218, 9.2840, -42.4905

Details

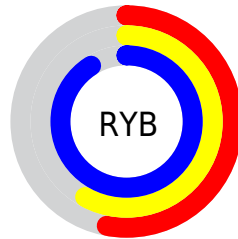
The Hex color **8798E8** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E8D787**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **C0CEFF**, and **5065B0** is the 20% darker color. If you saturate the color by 10%, you get **7085E8**, and if you desaturate by 10%, it is **9EABE8**.

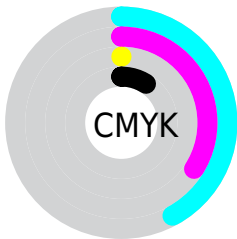
Distribution



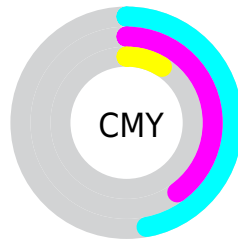
- Red (53%)
- Green (60%)
- Blue (91%)



- Red (53%)
- Yellow (58%)
- Blue (91%)



- Cyan (42%)
- Magenta (34%)
- Yellow (0%)
- Black (9%)



- Cyan (47%)
- Magenta (40%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8798E8 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 8798E8 by changing the saturation by 10% instead.

8798E8

8798E8

FFFFFF

6B7ECC

C0CEFF

5065B0

DCEAFF

334E95

FAFFFF

0D377B

002261

000D49

000432

00021C

000000

■ 8798E8

■ 8798E8

■ 7085E8

■ 9EABE8

■ 5972E8

■ B5BEE8

■ 415FE8

■ CDD1E8

■ 2A4BE8

■ E4E5E8

■ 1338E8

■ FBF8E8

■ 0029E8

■ FFFFE8

Harmonies

Analogous

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



2CA5EA



8798E8



BE89D2

Triad

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



8798E8



DD8662



2CB08B

Complementary

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



8798E8



E8D787

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.



6FAB66



8798E8



C2954D

Square

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



8798E8



E87C85



9DA24E



00B1B4

Rectangle

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



8798E8



D780BB



9DA24E



48AF7E

Sweetspot

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



8798E8



DEE4FF



87E8D6



6B6F80



000000



808080

Same Dimension

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



8798E8



8096FF



A687E8



676973



001FB3



000933

Inverse Universe

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



E88798



FF8096



C9E887



736769



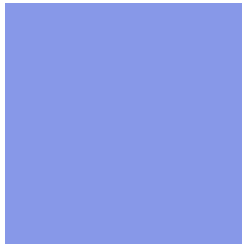
B3001F



330009

Previews

White Background



This preview shows how the Hex color 8798E8 looks on a white background.

Color Contrast Check

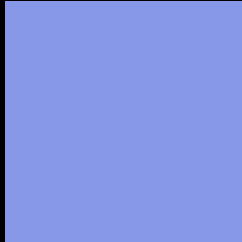
Large Text (above 18pt) WCAG AA × Fail

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 8798E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

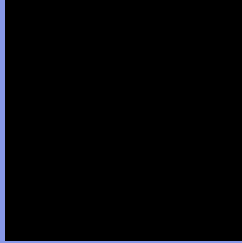
Any Text WCAG AA ✓ Pass

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 8798E8 Background



This preview shows how black text looks on a background with the Hex color 8798E8.



This preview shows how white text looks on a background with the Hex color 8798E8.

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
8798E8

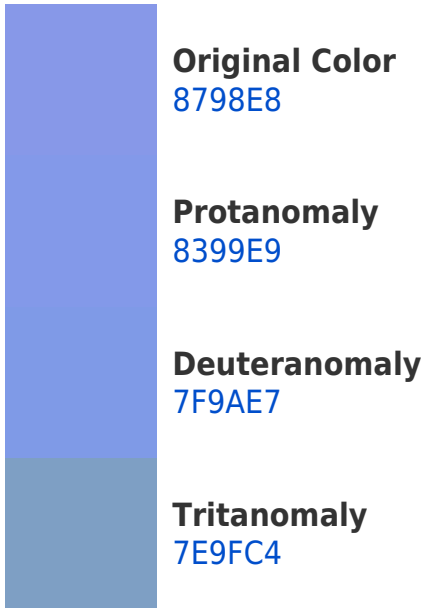
Protanopia
8199E9

Deuteranopia
7B9BE7

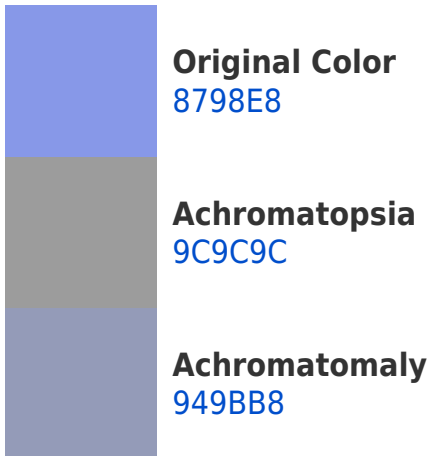


Tritanopia
79A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8798E8 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 #8798E8 looks like.

```
.text, #text, p{  
    color:#8798E8  
}
```

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 #8798E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8798E8  
}
```

Border

The CSS property to change the border of an element to Hex 8798E8 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  
#8798E8 }
```

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

```
.border{ border-color:#8798E8 }
```

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

Here you see how a box with a 4 pixel #8798E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8798E8; -webkit-box-shadow:4px 4px  
4px 4px #8798E8; box-shadow:4px 4px 4px  
4px #8798E8 }
```

Background

The CSS property to change the background color of an element to Hex 8798E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8798E8 }
```

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

```
.background{ background-color:#8798E8 }
```

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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