

Converting Colors

Hex(8DA2E8)

Have a look what the booklet for
Hex(8DA2E8) contains.

Hex(8DA2E8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8DA2E8)

Conversions

Conversions Part 1

Format	Color
Hex	8DA2E8
RGB	141, 162, 232
RGB Percent	55%, 64%, 91%
CMY	0.4471, 0.3647, 0.0902
CMYK	0.39, 0.30, 0.00, 0.09
HSL	226°, 66%, 73%
HSV	226°, 39%, 91%
XYZ	38.4703, 37.3296, 81.5217
YIQ	163.7010, -34.9860, 17.3180

Conversions

Conversions Part 2

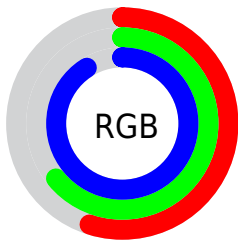
Format	Color
RYB	141, 158, 232
Decimal	9282280
CIELab	67.52, 9.84, -37.60
CIELCh	68, 38.868, 284.666
Yxy	37.3296, 0.2445, 0.2373
Android (android.graphics.Color)	4287472360 (0xFF8DA2E8)
YUV	163.7010, 33.6714, -19.9088
Hunter-Lab	61.0979, 5.4712, -36.3408

Details

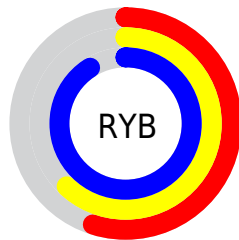
The Hex color **8DA2E8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E8D38D**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **C5D9FF**, and **566FB0** is the 20% darker color. If you saturate the color by 10%, you get **7690E8**, and if you desaturate by 10%, it is **A4B4E8**.

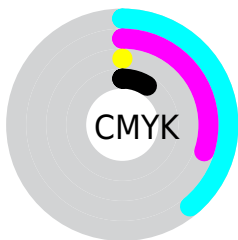
Distribution



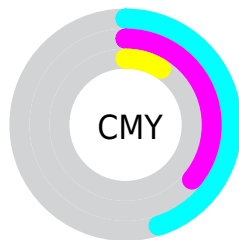
- Red (55%)
- Green (64%)
- Blue (91%)



- Red (55%)
- Yellow (62%)
- Blue (91%)



- Cyan (39%)
- Magenta (30%)
- Yellow (0%)
- Black (9%)



- Cyan (45%)
- Magenta (36%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8DA2E8 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 8DA2E8 by changing the saturation by 10% instead.

■ 8DA2E8

■ 8DA2E8

FFFFFF

■ 7288CC

■ C5D9FF

■ 566FB0

■ E2F5FF

■ 3B5695

■ 1C3F7B

■ 002A62

■ 00164A

■ 000433

■ 00021D

■ 000000

 8DA2E8

 8DA2E8

 7690E8

 A4B4E8

 5F7EE8

 BBC6E8

 476CE8

 D3D8E8

 305BE8

 EAE9E8

 1949E8

 FFFBE8

 0237E8

 FFFF8E8

 0036E8

Harmonies

Analogous

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



4DADE7



8DA2E8



BE95D7

Triad

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



8DA2E8



E19075



55B691

Complementary

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



8DA2E8



E8D38D

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.



83B171



8DA2E8



CB9C61

Square

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



8DA2E8



E98994



AAA85F



0FB7B5

Rectangle

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



8DA2E8



D58EC3



AAA85F



65B585

Sweetspot

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



8DA2E8



E0E7FF



8DE8D3



6E7280



000000



808080

Same Dimension

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



8DA2E8



87A3FF



A58DE8



676A73



0029B3



000C33

Inverse Universe

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



E88DA2



FF87A3



D0E88D



73676A



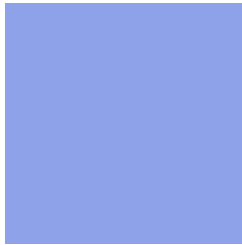
B30029



33000C

Previews

White Background



This preview shows how the Hex color 8DA2E8 looks on a white background.

Color Contrast Check

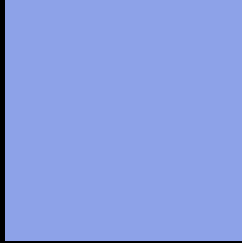
Large Text (above 18pt) WCAG AA × Fail

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 8DA2E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

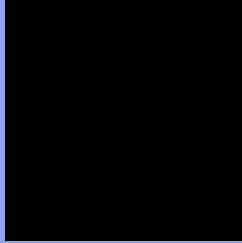
Any Text WCAG AA ✓ Pass

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 8DA2E8 Background



This preview shows how black text looks on a background with the Hex color 8DA2E8.



This preview shows how white text looks on a background with the Hex color 8DA2E8.

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
8DA2E8

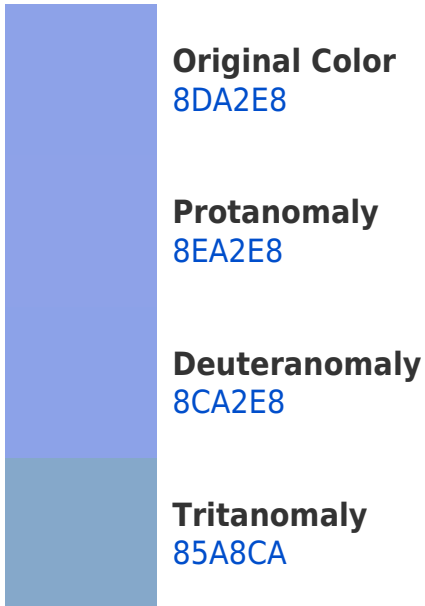
Protanopia
8EA2E8

Deuteranopia
8CA2E8

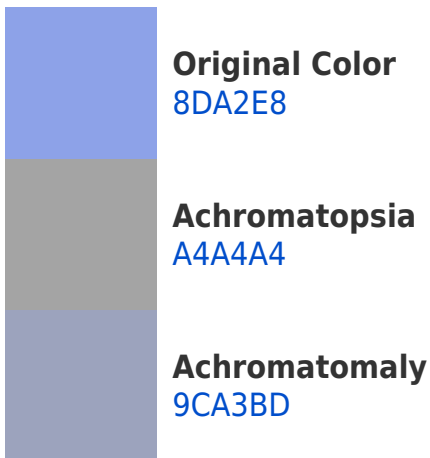


Tritanopia
81ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8DA2E8 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 #8DA2E8 looks like.

```
.text, #text, p{  
    color:#8DA2E8  
}
```

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 #8DA2E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DA2E8
}
```

Border

The CSS property to change the border of an element to Hex 8DA2E8 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
#8DA2E8 }
```

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

```
.border{ border-color:#8DA2E8 }
```

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

Here you see how a box with a 4 pixel #8DA2E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DA2E8; -webkit-box-shadow:4px 4px  
4px 4px #8DA2E8; box-shadow:4px 4px 4px  
4px #8DA2E8 }
```

Background

The CSS property to change the background color of an element to Hex 8DA2E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DA2E8 }
```

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

```
.background{ background-color:#8DA2E8 }
```

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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