

Converting Colors

Hex(829AE8)

Have a look what the booklet for
Hex(829AE8) contains.

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Color

Hex(829AE8)

Conversions

Conversions Part 1

Format	Color
Hex	829AE8
RGB	130, 154, 232
RGB Percent	51%, 60%, 91%
CMY	0.4902, 0.3961, 0.0902
CMYK	0.44, 0.34, 0.00, 0.09
HSL	226°, 69%, 71%
HSV	226°, 44%, 91%
XYZ	35.3270, 33.6832, 80.9835
YIQ	155.7160, -39.3420, 19.1700

Conversions

Conversions Part 2

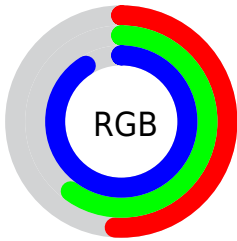
Format	Color
R _Y B	130, 149, 232
Decimal	8559336
CIE Lab	64.71, 11.61, -42.05
CIE LCh	65, 43.624, 285.429
Yxy	33.6832, 0.2355, 0.2246
Android (android.graphics.Color)	4286749416 (0xFF829AE8)
YUV	155.7160, 37.6080, -22.5529
Hunter-Lab	58.0373, 7.0870, -42.1055

Details

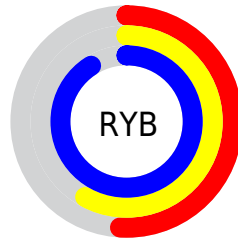
The Hex color **829AE8** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E8D082**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **BBD0FF**, and **4A67B0** is the 20% darker color. If you saturate the color by 10%, you get **6B88E8**, and if you desaturate by 10%, it is **99ACE8**.

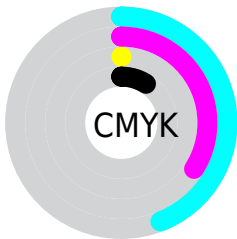
Distribution



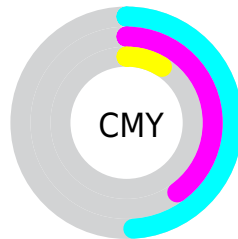
- Red (51%)
- Green (60%)
- Blue (91%)



- Red (51%)
- Yellow (58%)
- Blue (91%)



- Cyan (44%)
- Magenta (34%)
- Yellow (0%)
- Black (9%)



- Cyan (49%)
- Magenta (40%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 829AE8 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 829AE8 by changing the saturation by 10% instead.

829AE8

829AE8

FFFFFF

6680CC

BBD0FF

4A67B0

D8ECFF

2C4F95

F5FFFF

00397B

002461

000F49

000432

00021C

000000

■ 829AE8

■ 829AE8

■ 6B88E8

■ 99ACE8

■ 5477E8

■ B0BDE8

■ 3C65E8

■ C8CFE8

■ 2553E8

■ DFE1E8

■ 0E41E8

■ F6F3E8

■ 0037E8

■ FFFFE8

Harmonies

Analogous

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



26A6E8



829AE8



BA8BD4

Triad

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



829AE8



DE8667



3BB088

Complementary

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



829AE8



E8D082

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.



75AB64



829AE8



C59451

Square

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



829AE8



E77D8A



A1A14F



00B1B0

Rectangle

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



829AE8



D382BE



A1A14F



52AF7B

Sweetspot

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



829AE8



DEE6FF



82E8CF



6B7080



000000



808080

Same Dimension

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



829AE8



7898FF



9B82E8



676A73



002AB3



000C33

Inverse Universe

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



E8829A



FF7898



CFE882



73676A



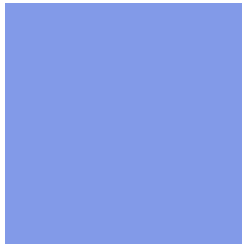
B3002A



33000C

Previews

White Background



This preview shows how the Hex color 829AE8 looks on a white background.

Color Contrast Check

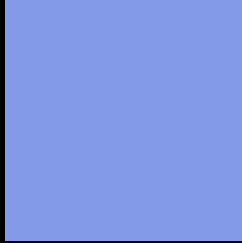
Large Text (above 18pt) WCAG AA × Fail

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 829AE8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

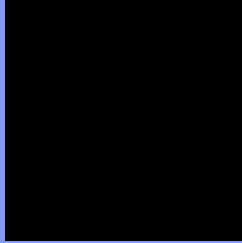
Any Text WCAG AA ✓ Pass

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 829AE8 Background



This preview shows how black text looks on a background with the Hex color 829AE8.



This preview shows how white text looks on a background with the Hex color 829AE8.

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](#).

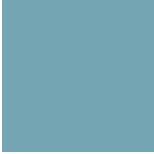
Dichromacy



Original Color
829AE8

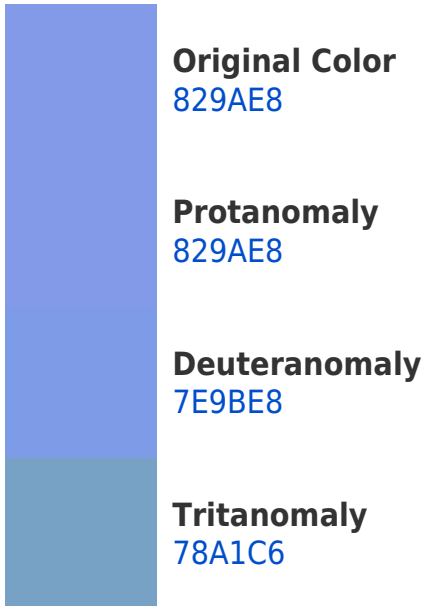
Protanopia
829AE8

Deuteranopia
7C9CE8

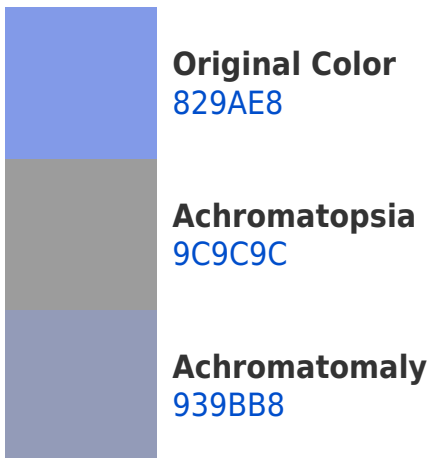


Tritanopia
73A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 829AE8 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 #829AE8 looks like.

```
.text, #text, p{  
    color:#829AE8  
}
```

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 #829AE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #829AE8
}
```

Border

The CSS property to change the border of an element to Hex 829AE8 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
#829AE8 }
```

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

```
.border{ border-color:#829AE8 }
```

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

Here you see how a box with a 4 pixel #829AE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #829AE8; -webkit-box-shadow:4px 4px  
4px 4px #829AE8; box-shadow:4px 4px 4px  
4px #829AE8 }
```

Background

The CSS property to change the background color of an element to Hex 829AE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#829AE8 }
```

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

```
.background{ background-color:#829AE8 }
```

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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