

Converting Colors

Hex(829EFF)

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

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Color

Hex(829EFF)

Conversions

Conversions Part 1

Format	Color
Hex	829EFF
RGB	130, 158, 255
RGB Percent	51%, 62%, 100%
CMY	0.4902, 0.3804, 0.0000
CMYK	0.49, 0.38, 0.00, 0.00
HSL	227°, 100%, 75%
HSV	227°, 49%, 100%
XYZ	39.4828, 36.4195, 99.5564
YIQ	160.6860, -47.8250, 24.2310

Conversions

Conversions Part 2

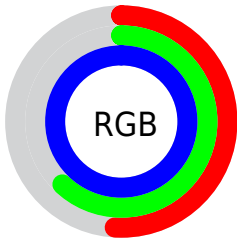
Format	Color
RYB	130, 153, 255
Decimal	8560383
CIELab	66.84, 16.01, -51.29
CIELCh	67, 53.732, 287.332
Yxy	36.4195, 0.2250, 0.2076
Android (android.graphics.Color)	4286750463 (0xFF829EFF)
YUV	160.6860, 46.4968, -26.9116
Hunter-Lab	60.3486, 11.1727, -55.5660

Details

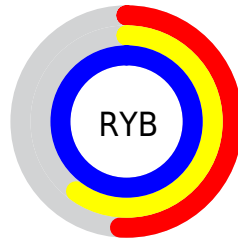
The Hex color **829EFF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFE382**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BCD4FF**, and **466BC6** is the 20% darker color. If you saturate the color by 10%, you get **698AFF**, and if you desaturate by 10%, it is **9BB2FF**.

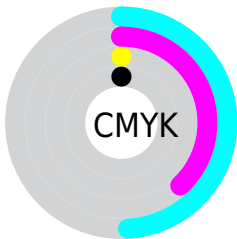
Distribution



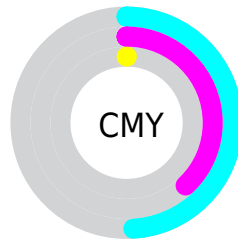
- Red (51%)
- Green (62%)
- Blue (100%)



- Red (51%)
- Yellow (60%)
- Blue (100%)



- Cyan (49%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 829EFF

FFFFFF

 BCD4FF

 DAF1FF

 F8FFFF

 829EFF

 6584E2

 466BC6

 2253AA

 003D8F

 002875

 00155C

 000644

 00032C

 000117

 829EFF

 829EFF

 698AFF

 9BB2FF

 4F76FF

 B5C6FF

 3563FF

 CFD9FF

 1C4FFF

 E8EDFF

 023BFF

FFFFFF

 0039FF

Harmonies

Analogous

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



00AEFF



829EFF



C98BE5

Triad

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



829EFF



EF875D



00B98C

Complementary

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



829EFF



FFE382

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.



6BB45E



829EFF



CF9941

Square

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



829EFF



FD7A88



A3A941



00BBBE

Rectangle

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



829EFF



E77FC9



A3A941



33B87C

Sweetspot

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



829EFF



D9E1FF



82FFE2



696E80



000000



808080

Same Dimension

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



829EFF



698AFF



A382FF



737680



002BBF



000E40

Inverse Universe

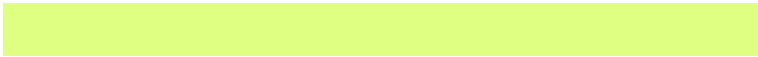
The Inverse Universe completely reimagines the original color for something new.



FF829E



FF698A



DEFF82



807376



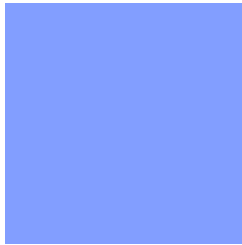
BF002B



40000E

Previews

White Background



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

Color Contrast Check

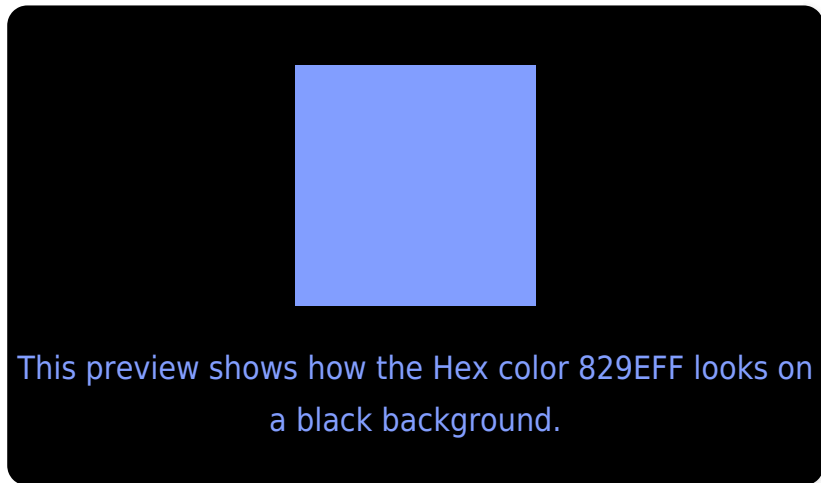
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

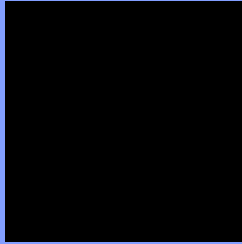
Any Text WCAG AA ✓ Pass

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 829EFF Background



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



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

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

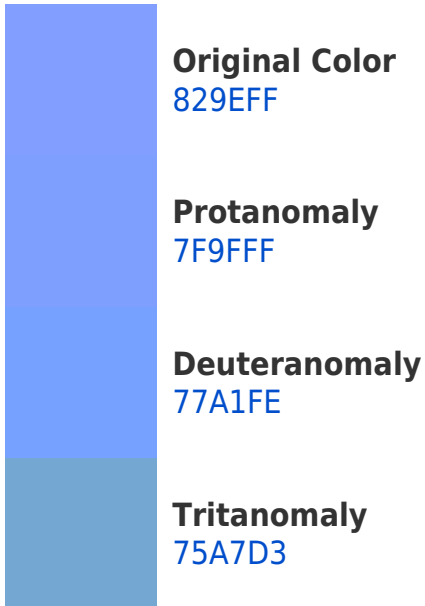


Original Color
829EFF

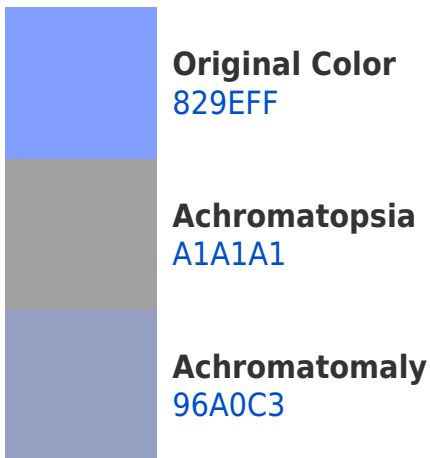
Protanopia
7E9FFF

Deuteranopia
71A2FE

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #829EFF colored shadow looks like.

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

Border

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

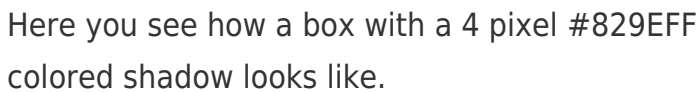
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#829EFF }
```

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

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

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



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

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

Background

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

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

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

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

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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