

Converting Colors

Hex(829BFF)

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

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Color

Hex(829BFF)

Conversions

Conversions Part 1

Format	Color
Hex	829BFF
RGB	130, 155, 255
RGB Percent	51%, 61%, 100%
CMY	0.4902, 0.3922, 0.0000
CMYK	0.49, 0.39, 0.00, 0.00
HSL	228°, 100%, 75%
HSV	228°, 49%, 100%
XYZ	38.9773, 35.4085, 99.3879
YIQ	158.9250, -47.0000, 25.8000

Conversions

Conversions Part 2

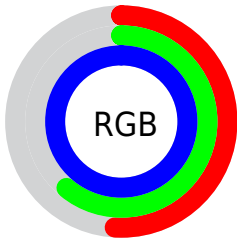
Format	Color
RYB	130, 151, 255
Decimal	8559615
CIELab	66.07, 17.74, -52.52
CIElCh	66, 55.433, 288.668
Yxy	35.4085, 0.2243, 0.2038
Android (android.graphics.Color)	4286749695 (0xFF829BFF)
YUV	158.9250, 47.3650, -25.3672
Hunter-Lab	59.5051, 12.7880, -57.3752

Details

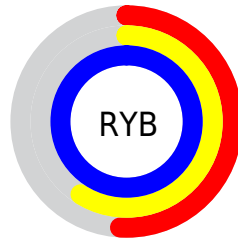
The Hex color **829BFF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFE682**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **BCD1FF**, and **4668C6** is the 20% darker color. If you saturate the color by 10%, you get **6987FF**, and if you desaturate by 10%, it is **9BAFFF**.

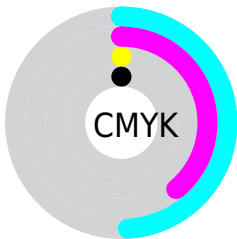
Distribution



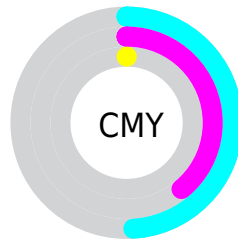
- Red (51%)
- Green (61%)
- Blue (100%)



- Red (51%)
- Yellow (59%)
- Blue (100%)



- Cyan (49%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 829BFF

 829BFF

FFFFFF

 6581E2

 BCD1FF

 4668C6

 DAEDFF

 2151AA

 F8FFFF

 003A8F

 002575

 00125C

 000743

 00032C

 000117

 829BFF

 829BFF

 6987FF

 9BAFFF

 4F72FF

 B5C4FF

 355EFF

 CFD8FF

 1C49FF

 E8EDFF

 0235FF

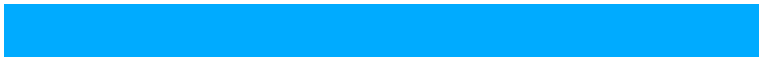
FFFFFF

 0033FF

Harmonies

Analogous

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



00ABFF



829BFF



CB87E3

Triad

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



829BFF



EE8457



00B88B

Complementary

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



829BFF



FFE682

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.



64B25C



829BFF



CC973B

Square

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



829BFF



FD7683



9EA73C



00B9BF

Rectangle

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



829BFF



E87BC6



9EA73C



1FB77B

Sweetspot

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



829BFF



D9E0FF



82FFE6



696D80



000000



808080

Same Dimension

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



829BFF



6987FF



A782FF



737580



0026BF



000D40

Inverse Universe

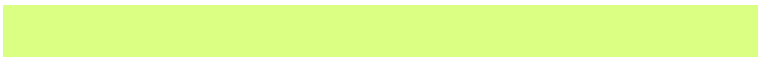
The Inverse Universe completely reimagines the original color for something new.



FF829B



FF6987



DAFF82



807375



BF0026



40000D

Previews

White Background



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

Color Contrast Check

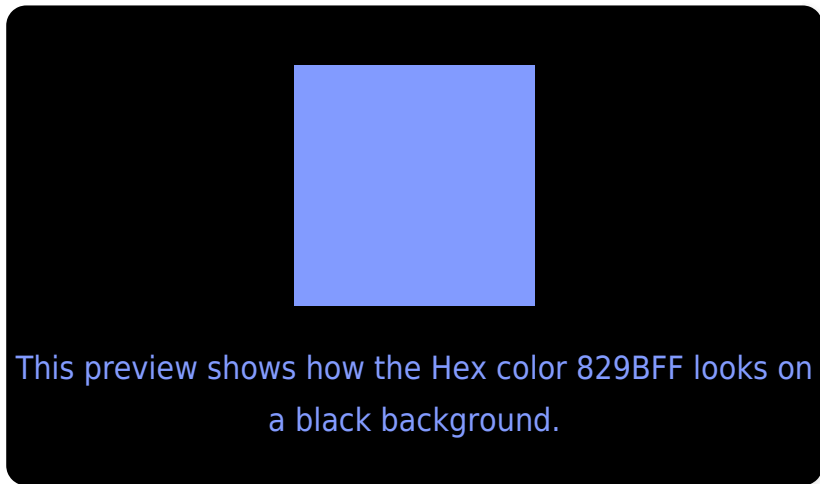
Large Text (above 18pt) WCAG AA × Fail

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 829BFF Background



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



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

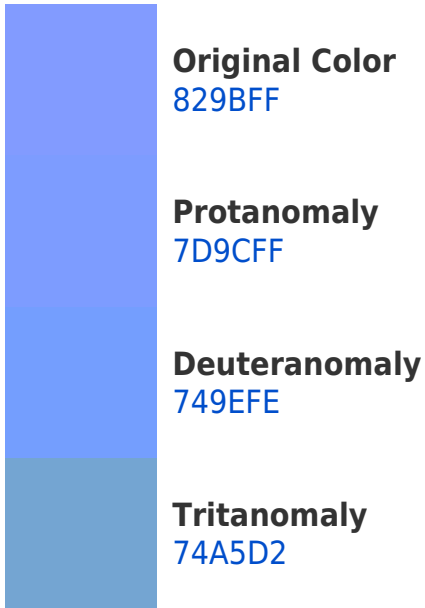
Color Blindness Simulation

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](#).

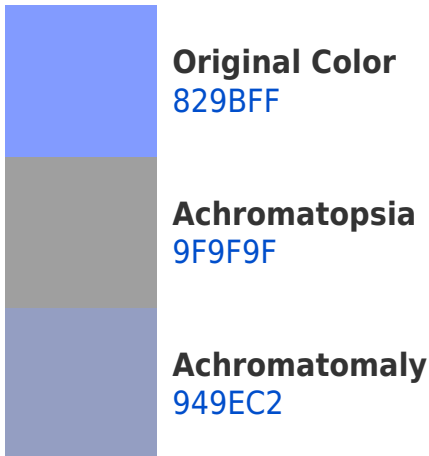
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #829BFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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