

Converting Colors

Hex(829DD3)

Have a look what the booklet for
Hex(829DD3) contains.

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Color

Hex(829DD3)

Conversions

Conversions Part 1

Format	Color
Hex	829DD3
RGB	130, 157, 211
RGB Percent	51%, 62%, 83%
CMY	0.4902, 0.3843, 0.1725
CMYK	0.38, 0.26, 0.00, 0.17
HSL	220°, 48%, 67%
HSV	220°, 38%, 83%
XYZ	33.0208, 33.5629, 66.3659
YIQ	155.0830, -33.4260, 11.0700

Conversions

Conversions Part 2

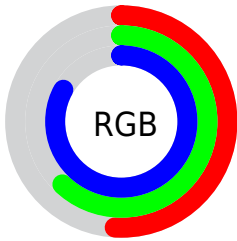
Format	Color
R _Y B	130, 150, 211
Decimal	8560083
CIE Lab	64.61, 4.02, -30.58
CIE LCh	65, 30.847, 277.489
Yxy	33.5629, 0.2484, 0.2524
Android (android.graphics.Color)	4286750163 (0xFF829DD3)
YUV	155.0830, 27.5671, -21.9978
Hunter-Lab	57.9335, 0.3572, -27.3664

Details

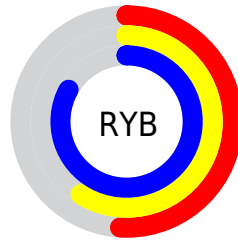
The Hex color **829DD3** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D3B882**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **B9D3FF**, and **4D6A9C** is the 20% darker color. If you saturate the color by 10%, you get **6D8FD3**, and if you desaturate by 10%, it is **97ABD3**.

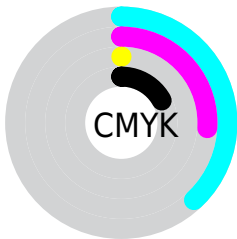
Distribution



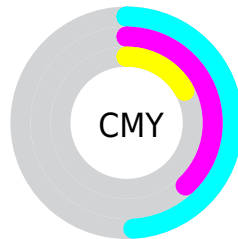
- Red (51%)
- Green (62%)
- Blue (83%)



- Red (51%)
- Yellow (59%)
- Blue (83%)



- Cyan (38%)
- Magenta (26%)
- Yellow (0%)
- Black (17%)



- Cyan (49%)
- Magenta (38%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 829DD3 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 829DD3 by changing the saturation by 10% instead.

■ 829DD3

■ 829DD3

FFFFFF

■ 6783B7

■ B9D3FF

■ 4D6A9C

■ D6F0FF

■ 325282

■ F3FFFF

■ 133B69

■ 002650

■ 001139

■ 000223

■ 00000A

■ 000000

■ 829DD3

■ 829DD3

■ 6D8FD3

■ 97ABD3

■ 5881D3

■ ACB9D3

■ 4373D3

■ C1C7D3

■ 2E65D3

■ D6D5D3

■ 1857D3

■ EBE3D3

■ 0349D3

■ FFF1D3

■ 0046D3

■ FFFFD3

Harmonies

Analogous

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



58A5CF



829DD3



A993C8

Triad

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



829DD3



D08C7C



6AAA87

Complementary

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



829DD3



D3B882

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.



8BA570



829DD3



C1946A

Square

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



829DD3



D38897



A99D66



4BACA3

Rectangle

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



829DD3



BE8DBB



A99D66



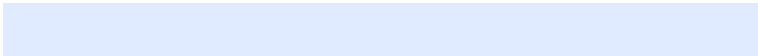
75A97E

Sweetspot

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



829DD3



E0EBFF



82D3B8



6E7480



000000



808080

Same Dimension

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



829DD3



8AB1FF



8F82D3



5E6269



0038A8



000E29

Inverse Universe

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



D3829D



FF8AB1



C5D382



695E62



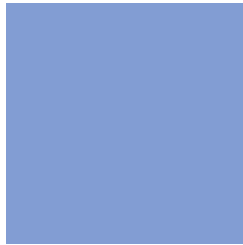
A80038



29000E

Previews

White Background



This preview shows how the Hex color 829DD3 looks on a white background.

Color Contrast Check

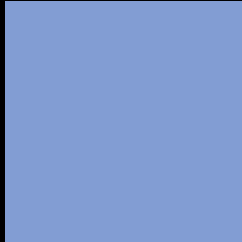
Large Text (above 18pt) WCAG AA × Fail

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 829DD3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

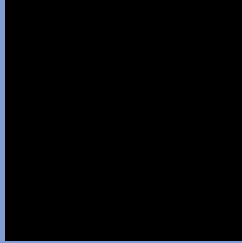
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

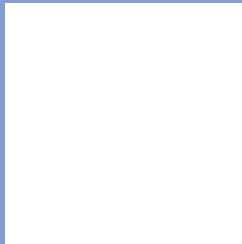
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 829DD3 Background



This preview shows how black text looks on a background with the Hex color 829DD3.



This preview shows how white text looks on a background with the Hex color 829DD3.

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
829DD3

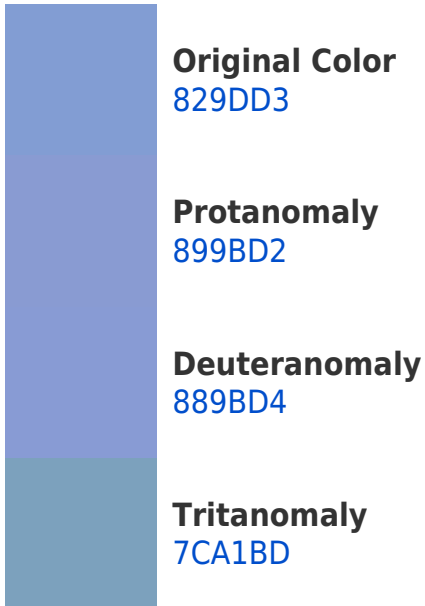
Protanopia
8D9AD1

Deuteranopia
8C9AD4

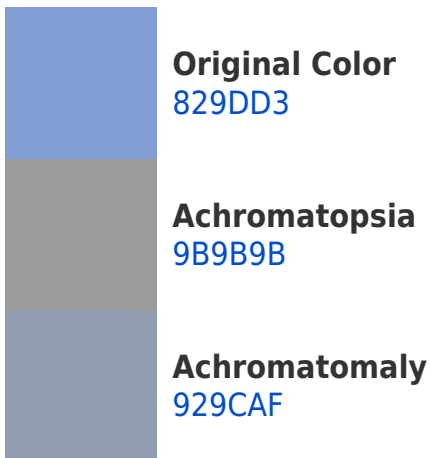


Tritanopia
79A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 829DD3 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 #829DD3 looks like.

```
.text, #text, p{  
    color:#829DD3  
}
```

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 #829DD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #829DD3
}
```

Border

The CSS property to change the border of an element to Hex 829DD3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

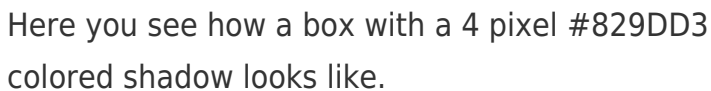
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#829DD3 }
```

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

```
.border{ border-color:#829DD3 }
```

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



Here you see how a box with a 4 pixel #829DD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #829DD3; -webkit-box-shadow:4px 4px  
4px 4px #829DD3; box-shadow:4px 4px 4px  
4px #829DD3 }
```

Background

The CSS property to change the background color of an element to Hex 829DD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#829DD3 }
```

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

```
.background{ background-color:#829DD3 }
```

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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