

Converting Colors

Hex(829DCA)

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

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Color

Hex(829DCA)

Conversions

Conversions Part 1

Format	Color
Hex	829DCA
RGB	130, 157, 202
RGB Percent	51%, 62%, 79%
CMY	0.4902, 0.3843, 0.2078
CMYK	0.36, 0.22, 0.00, 0.21
HSL	218°, 40%, 65%
HSV	218°, 36%, 79%
XYZ	31.9236, 33.1240, 60.5881
YIQ	154.0570, -30.5370, 8.2710

Conversions

Conversions Part 2

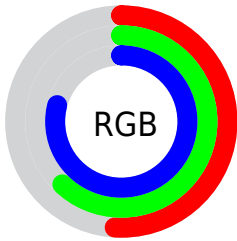
Format	Color
R _{YB}	130, 150, 202
Decimal	8560074
CIE Lab	64.26, 1.60, -26.12
CIE LCh	64, 26.170, 273.516
Yxy	33.1240, 0.2541, 0.2637
Android (android.graphics.Color)	4286750154 (0xFF829DCA)
YUV	154.0570, 23.6359, -21.0980
Hunter-Lab	57.5535, -1.7089, -22.1288

Details

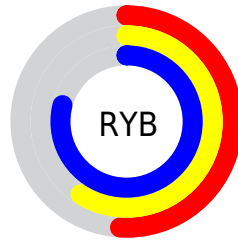
The Hex color **829DCA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CAAF82**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **B9D3FF**, and **4E6A94** is the 20% darker color. If you saturate the color by 10%, you get **6E90CA**, and if you desaturate by 10%, it is **96AACA**.

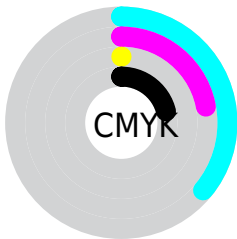
Distribution



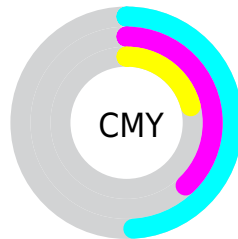
- Red (51%)
- Green (62%)
- Blue (79%)



- Red (51%)
- Yellow (59%)
- Blue (79%)



- Cyan (36%)
- Magenta (22%)
- Yellow (0%)
- Black (21%)



- Cyan (49%)
- Magenta (38%)
- Yellow (21%)

Brightness & Saturation Gradients

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

■ 829DCA

■ 829DCA

FFFFFF

■ 6883AF

■ B9D3FF

■ 4E6A94

■ D5F0FF

■ 34527A

■ F2FFFF

■ 183B61

■ 002649

■ 001132

■ 00021D

■ 000000

■ 829DCA

■ 829DCA

■ 6E90CA

■ 96AACA

■ 5A84CA

■ AAB6CA

■ 4577CA

■ BFC3CA

■ 316BCA

■ D3D0CA

■ 1D5ECA

■ E7DCCA

■ 0951CA

■ FBE9CA

■ 004CCA

■ FFF5CA

■ FFFFCA

Harmonies

Analogous

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



63A4C5



829DCA



A395C3

Triad

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



829DCA



CA8D83



75A786

Complementary

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



829DCA



CAAF82

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.



90A274



829DCA



BE9373

Square

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



829DCA



C98B9A



AA9B6D



5EA99E

Rectangle

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



829DCA



B590B8



AA9B6D



7EA67F

Sweetspot

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



829DCA



E3EDFF



82CAAE



6F7580



000000



808080

Same Dimension

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



829DCA



91BAFF



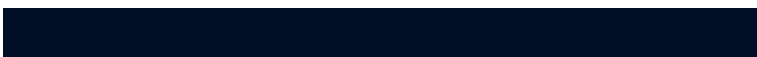
8A82CA



5C6066



003EA6



000E26

Inverse Universe

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



CA829D



FF91BA



C2CA82



665C60



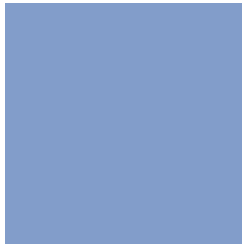
A6003E



26000E

Previews

White Background



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

Color Contrast Check

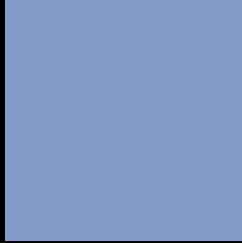
Large Text (above 18pt) WCAG AA × Fail

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 829DCA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

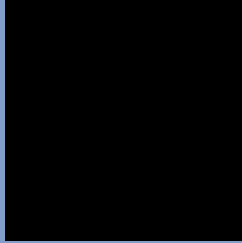
Any Text WCAG AA ✓ Pass

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 829DCA Background



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

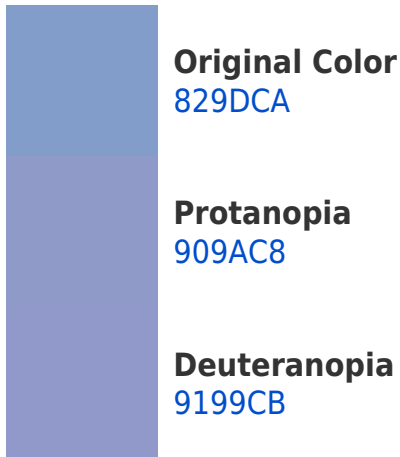


This preview shows how white text looks on a background with the Hex color 829DCA.

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](#).

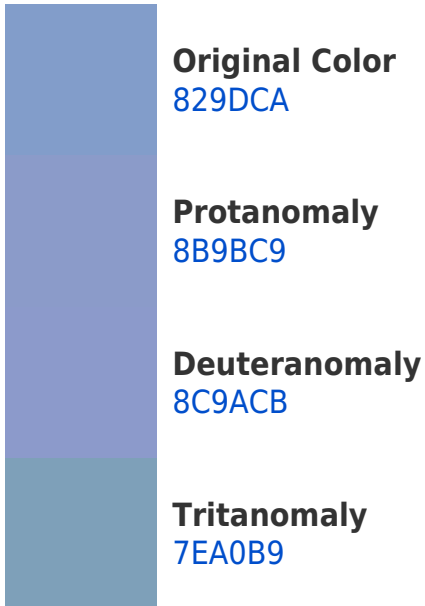
Dichromacy



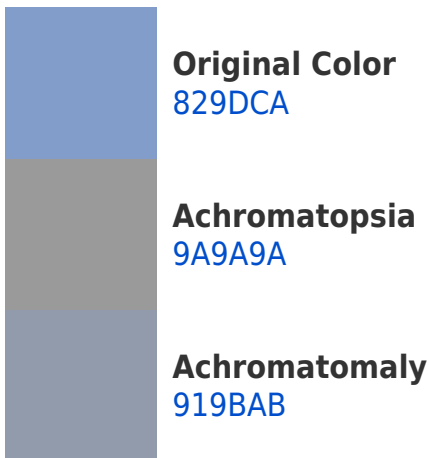


Tritanopia
7CA2AF

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #829DCA colored shadow looks like.

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

Border

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

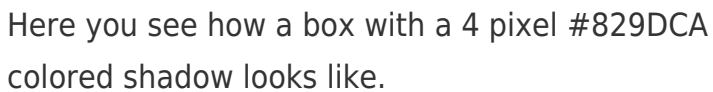
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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