

Converting Colors

Hex(829BCD)

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

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Color

Hex(829BCD)

Conversions

Conversions Part 1

Format	Color
Hex	829BCD
RGB	130, 155, 205
RGB Percent	51%, 61%, 80%
CMY	0.4902, 0.3922, 0.1961
CMYK	0.37, 0.24, 0.00, 0.20
HSL	220°, 43%, 66%
HSV	220°, 37%, 80%
XYZ	31.9467, 32.5963, 62.3655
YIQ	153.2250, -30.9500, 10.2500

Conversions

Conversions Part 2

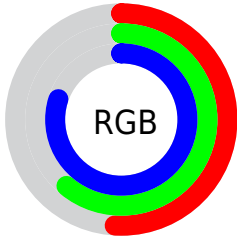
Format	Color
RYB	130, 149, 205
Decimal	8559565
CIELab	63.83, 3.54, -28.45
CIELCh	64, 28.672, 277.084
Yxy	32.5963, 0.2517, 0.2568
Android (android.graphics.Color)	4286749645 (0xFF829BCD)
YUV	153.2250, 25.5251, -20.3683
Hunter-Lab	57.0932, -0.0326, -24.8000

Details

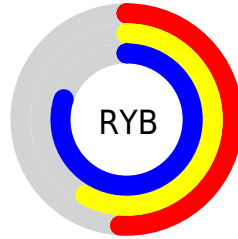
The Hex color **829BCD** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CDB482**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **B9D1FF**, and **4D6897** is the 20% darker color. If you saturate the color by 10%, you get **6E8DCD**, and if you desaturate by 10%, it is **97A9CD**.

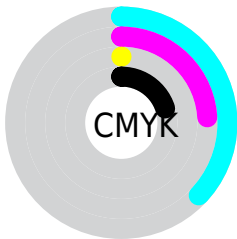
Distribution



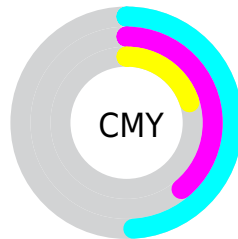
- Red (51%)
- Green (61%)
- Blue (80%)



- Red (51%)
- Yellow (58%)
- Blue (80%)



- Cyan (37%)
- Magenta (24%)
- Yellow (0%)
- Black (20%)



- Cyan (49%)
- Magenta (39%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 829BCD

 829BCD

FFFFFF

 6781B1

 B9D1FF

 4D6897

 D5EEFF

 33507D


 F2FFFF

 163963

 00244B

 000F34

 00021F

 000001

 000000

 829BCD

 829BCD

 6E8DCD

 97A9CD

 5980CD

 ABB6CD

 4572CD

 C0C4CD

 3064CD

 D4D2CD

 1B57CD

 E9DFCD

 0749CD

 FEDECD

 0044CD

 FFFBCD

 FFFFCD

Harmonies

Analogous

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



5DA3C9



829BCD



A692C3

Triad

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



829BCD



CB8B7D



6DA786

Complementary

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



829BCD



CDB482

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.



8BA271



829BCD



BD926C

Square

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



829BCD



CD8795



A79B68



51A9A0

Rectangle

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



829BCD



B98CB7



A79B68



77A67E

Sweetspot

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



829BCD



E3ECFF



82CDB4



6F7480



000000



808080

Same Dimension

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



829BCD



8FB4FF



8E82CD



5C5F66



0037A6



000D26

Inverse Universe

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



CD829B



FF8FB4



C1CD82



665C5F



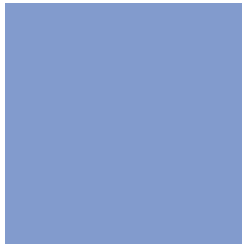
A60037



26000D

Previews

White Background



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

Color Contrast Check

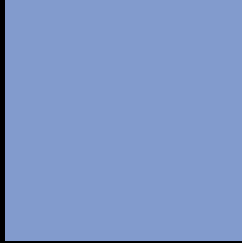
Large Text (above 18pt) WCAG AA × Fail

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 829BCD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

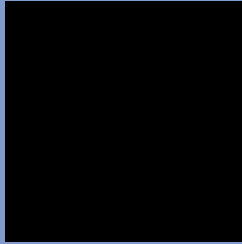
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

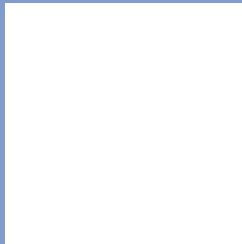
Any Text WCAG AAA ✓ Pass

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

Hex 829BCD Background



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



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

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
829BCD

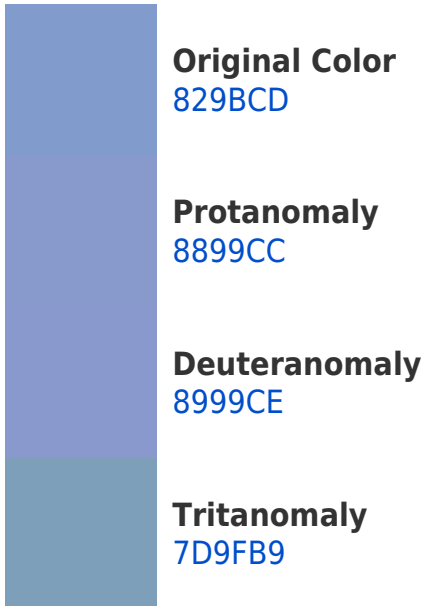
Protanopia
8C98CB

Deuteranopia
8D98CE

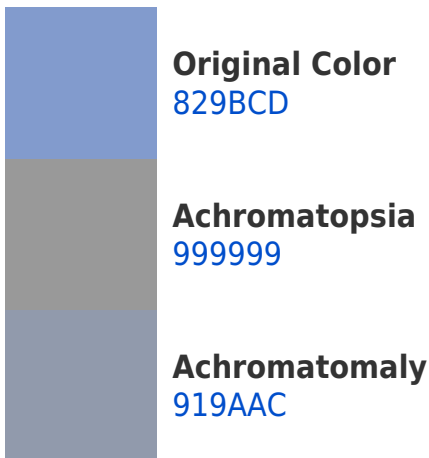


Tritanopia
7AA1AE

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #829BCD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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