

Converting Colors

Hex(809ED2)

Have a look what the booklet for
Hex(809ED2) contains.

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Color

Hex(809ED2)

Conversions

Conversions Part 1

Format	Color
Hex	809ED2
RGB	128, 158, 210
RGB Percent	50%, 62%, 82%
CMY	0.4980, 0.3804, 0.1765
CMYK	0.39, 0.25, 0.00, 0.18
HSL	218°, 48%, 66%
HSV	218°, 39%, 82%
XYZ	32.7618, 33.6961, 65.7500
YIQ	154.9580, -34.5720, 9.8120

Conversions

Conversions Part 2

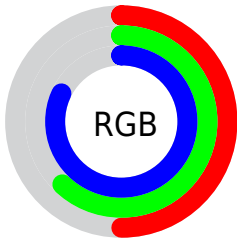
Format	Color
R_{YB}	128, 150, 210
Decimal	8429266
CIE _{Lab}	64.72, 2.64, -29.87
CIE _{LCh}	65, 29.990, 275.051
Yxy	33.6961, 0.2478, 0.2549
Android (android.graphics.Color)	4286619346 (0xFF809ED2)
YUV	154.9580, 27.1357, -23.6422
Hunter-Lab	58.0483, -0.8412, -26.5227

Details

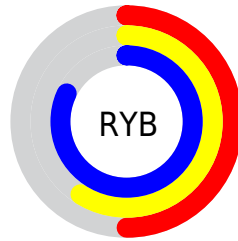
The Hex color **809ED2** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D2B480**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **B7D4FF**, and **4B6B9B** is the 20% darker color. If you saturate the color by 10%, you get **6B91D2**, and if you desaturate by 10%, it is **95ABD2**.

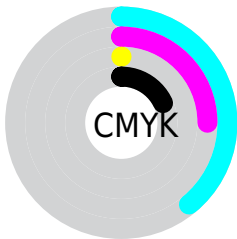
Distribution



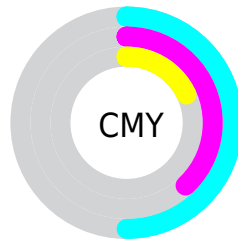
- Red (50%)
- Green (62%)
- Blue (82%)



- Red (50%)
- Yellow (59%)
- Blue (82%)



- Cyan (39%)
- Magenta (25%)
- Yellow (0%)
- Black (18%)



- Cyan (50%)
- Magenta (38%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 809ED2 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 809ED2 by changing the saturation by 10% instead.

 809ED2

 809ED2

FFFFFF

 6584B6

 B7D4FF

 4B6B9B

 D4F1FF

 2F5381

 F1FFFF

 0F3C68

 00274F

 001238

 000222

 000009

 000000

■ 809ED2

■ 809ED2

■ 6B91D2

■ 95ABD2

■ 5683D2

■ AAB9D2

■ 4176D2

■ BFC6D2

■ 2C69D2

■ D4D3D2

■ 175BD2

■ E9E1D2

■ 024ED2

■ FEEED2

■ 004DD2

■ FFFBD2

■ FFFF2

Harmonies

Analogous

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



58A6CD



809ED2



A794C9

Triad

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



809ED2



D08C80



6FAA86

Complementary

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



809ED2



D2B480

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.



8EA570



809ED2



C2946D

Square

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



809ED2



D18999



AB9D67



51ACA1

Rectangle

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



809ED2



BB8FBC



AB9D67



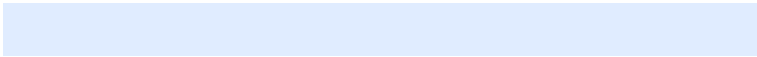
79A87D

Sweetspot

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



809ED2



E0ECFF



80D2B4



6E7480



000000



808080

Same Dimension

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



809ED2



87B3FF



8B80D2



5E6269



003EA8



000F29

Inverse Universe

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



D2809E



FF87B3



C7D280



695E62



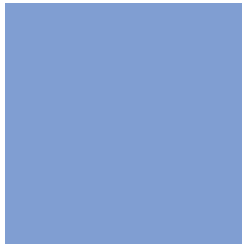
A8003E



29000F

Previews

White Background



This preview shows how the Hex color 809ED2 looks on a white background.

Color Contrast Check

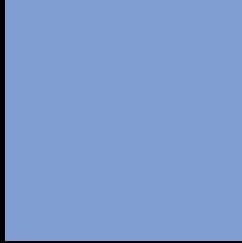
Large Text (above 18pt) WCAG AA × Fail

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 809ED2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

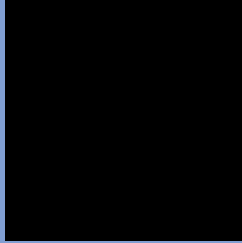
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

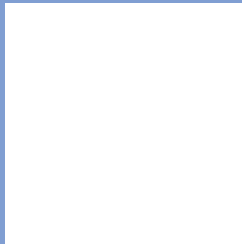
Any Text WCAG AAA ✓ Pass

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

Hex 809ED2 Background



This preview shows how black text looks on a background with the Hex color 809ED2.

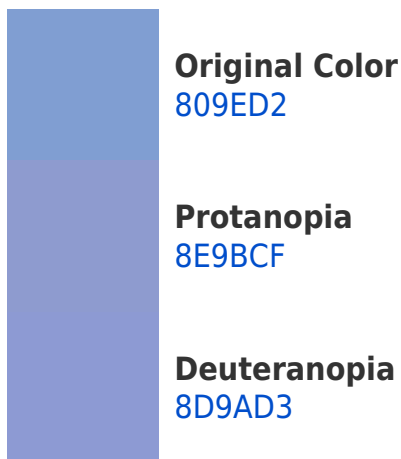


This preview shows how white text looks on a background with the Hex color 809ED2.

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](#).

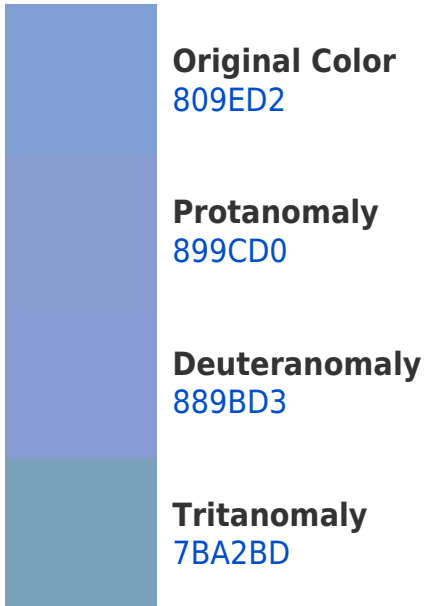
Dichromacy



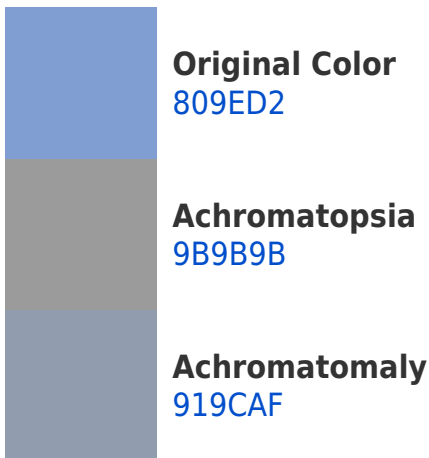


Tritanopia
78A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 809ED2 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 #809ED2 looks like.

```
.text, #text, p{  
    color:#809ED2  
}
```

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 #809ED2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #809ED2
}
```

Border

The CSS property to change the border of an element to Hex 809ED2 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
#809ED2 }
```

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

```
.border{ border-color:#809ED2 }
```

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

Here you see how a box with a 4 pixel #809ED2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #809ED2; -webkit-box-shadow:4px 4px  
4px 4px #809ED2; box-shadow:4px 4px 4px  
4px #809ED2 }
```

Background

The CSS property to change the background color of an element to Hex 809ED2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#809ED2 }
```

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

```
.background{ background-color:#809ED2 }
```

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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