

Converting Colors

Hex(809CE4)

Have a look what the booklet for
Hex(809CE4) contains.

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Color

Hex(809CE4)

Conversions

Conversions Part 1

Format	Color
Hex	809CE4
RGB	128, 156, 228
RGB Percent	50%, 61%, 89%
CMY	0.4980, 0.3882, 0.1059
CMYK	0.44, 0.32, 0.00, 0.11
HSL	223°, 65%, 70%
HSV	223°, 44%, 89%
XYZ	34.7941, 33.9676, 78.1213
YIQ	155.8360, -39.8000, 16.4560

Conversions

Conversions Part 2

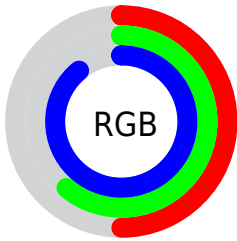
Format	Color
RYB	128, 150, 228
Decimal	8428772
CIELab	64.94, 8.81, -39.50
CIElCh	65, 40.472, 282.577
Yxy	33.9676, 0.2369, 0.2313
Android (android.graphics.Color)	4286618852 (0xFF809CE4)
YUV	155.8360, 35.5769, -24.4122
Hunter-Lab	58.2817, 4.5714, -38.6757

Details

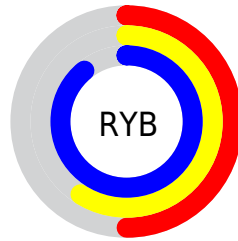
The Hex color **809CE4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E4C880**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **B8D2FF**, and **4869AC** is the 20% darker color. If you saturate the color by 10%, you get **698CE4**, and if you desaturate by 10%, it is **97ACE4**.

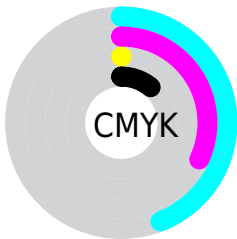
Distribution



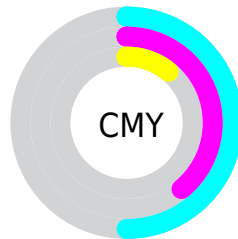
- Red (50%)
- Green (61%)
- Blue (89%)



- Red (50%)
- Yellow (59%)
- Blue (89%)



- Cyan (44%)
- Magenta (32%)
- Yellow (0%)
- Black (11%)



- Cyan (50%)
- Magenta (39%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 809CE4 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 809CE4 by changing the saturation by 10% instead.

809CE4

809CE4

FFFFFF

6482C8

B8D2FF

4869AC

D5EFFF

2A5191

F3FFFF

003B77

00255E

001146

00042F

000119

000000

 809CE4

 809CE4

 698CE4

 97ACE4

 527BE4

 AEBDE4

 3C6BE4

 C4CDE4

 255AE4

 DBDEE4

 0E4AE4

 F2EEE4

 0040E4

 FFFEE4

 FFFFE4

Harmonies

Analogous

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



35A7E2



809CE4



B58ED3

Triad

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



809CE4



DD886E



4DAF87

Complementary

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



809CE4



E4C880

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.



7EAA67



809CE4



C69458

Square

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



809CE4



E38190



A6A055



00B1AC

Rectangle

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



809CE4



CD86C0



A6A055



5EAE7B

Sweetspot

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



809CE4



DEE7FF



80E4C8



6B7180



000000



808080

Same Dimension

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



809CE4



789EFF



9680E4



676A73



0032B3



000E33

Inverse Universe

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



E4809C



FF789E



CEE480



73676A



B30032



33000E

Previews

White Background



This preview shows how the Hex color 809CE4 looks on a white background.

Color Contrast Check

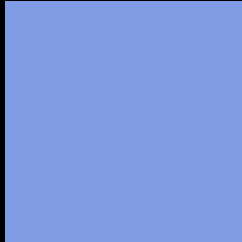
Large Text (above 18pt) WCAG AA × Fail

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 809CE4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

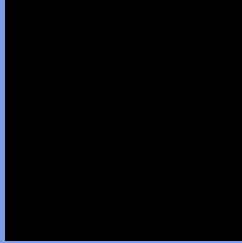
Any Text WCAG AA ✓ Pass

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 809CE4 Background



This preview shows how black text looks on a background with the Hex color 809CE4.



This preview shows how white text looks on a background with the Hex color 809CE4.

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
809CE4

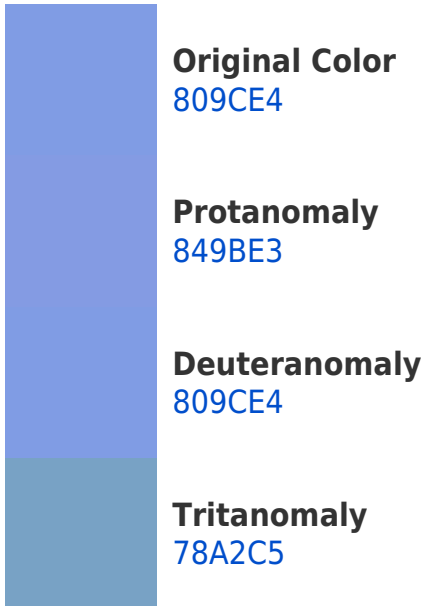
Protanopia
869BE3

Deuteranopia
809CE4

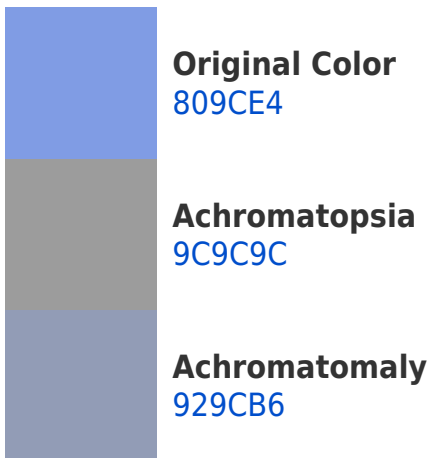


Tritanopia
73A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 809CE4 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 #809CE4 looks like.

```
.text, #text, p{  
    color:#809CE4  
}
```

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 #809CE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #809CE4
}
```

Border

The CSS property to change the border of an element to Hex 809CE4 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
#809CE4 }
```

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

```
.border{ border-color:#809CE4 }
```

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

Here you see how a box with a 4 pixel #809CE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #809CE4; -webkit-box-shadow:4px 4px  
4px 4px #809CE4; box-shadow:4px 4px 4px  
4px #809CE4 }
```

Background

The CSS property to change the background color of an element to Hex 809CE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#809CE4 }
```

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

```
.background{ background-color:#809CE4 }
```

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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