

# Converting Colors

Hex(809EB2)

Have a look what the booklet for  
Hex(809EB2) contains.

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# **Color**

**Hex(809EB2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	809EB2
RGB	128, 158, 178
RGB Percent	50%, 62%, 70%
CMY	0.4980, 0.3804, 0.3020
CMYK	0.28, 0.11, 0.00, 0.30
HSL	204°, 25%, 60%
HSV	204°, 28%, 70%
XYZ	29.1648, 32.2573, 46.8086
YIQ	151.3100, -24.3000, -0.1400

# Conversions

## Conversions Part 2

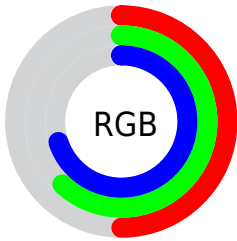
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 147, 178
Decimal	8429234
CIELab	63.55, -5.67, -13.78
CIELCh	64, 14.900, 247.652
Yxy	32.2573, 0.2695, 0.2980
Android (android.graphics.Color)	4286619314 (0xFF809EB2)
YUV	151.3100, 13.1582, -20.4429
Hunter-Lab	56.7955, -7.7312, -9.1077

# Details

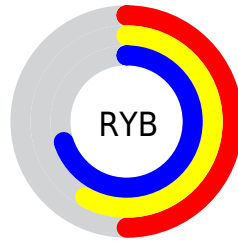
The Hex color **809EB2** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B29480**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B6D5EA**, and **4D6B7D** is the 20% darker color. If you saturate the color by 10%, you get **6E97B2**, and if you desaturate by 10%, it is **92A5B2**.

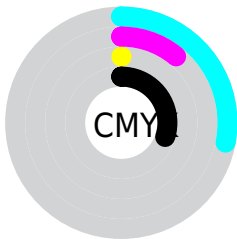
# Distribution



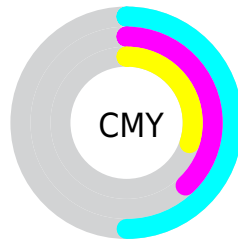
- Red (50%)
- Green (62%)
- Blue (70%)



- Red (50%)
- Yellow (58%)
- Blue (70%)



- Cyan (28%)
- Magenta (11%)
- Yellow (0%)
- Black (30%)



- Cyan (50%)
- Magenta (38%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 809EB2 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 809EB2 by changing the saturation by 10% instead.





809EB2



809EB2

FFFFFF



668497



B6D5EA



4D6B7D



D2F1FF



355364



EEFFFF



1D3C4C



022636



001120



000006



000000



809EB2



809EB2

6E97B2

92A5B2

5C90B2

A4ACB2

4B89B2

B5B3B2

3982B2

C7BAB2

277AB2

D9C2B2

1573B2

EBC9B2

036CB2

FDD0B2

006BB2

FFD7B2

FFDEB2

# Harmonies

## Analogous

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



78A1AA



809EB2



909AB4

# Triad

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



809EB2



B59197



929E85

# Complementary

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



809EB2



B29480

# 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.



A19A80



809EB2



B5928A

# Square

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



809EB2



AE92A4



AD9682



83A18F

# Rectangle

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



809EB2



9B97B1



AD9682



979D82



# Sweetspot

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



809EB2



D5E1E8



80B294



6A7175



F5F5F5



757575



# Same Dimension

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



809EB2



99C8E8



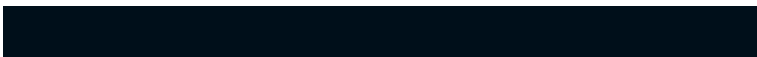
8085B2



505659



005C99



000F1A



# Inverse Universe

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



B2809E



E899C8



B2AD80



595056



99005C

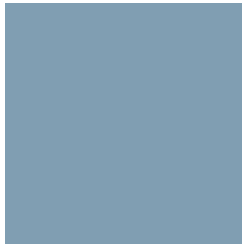


1A000F



# Previews

## White Background



This preview shows how the Hex color 809EB2 looks on a white background.

## Color Contrast Check

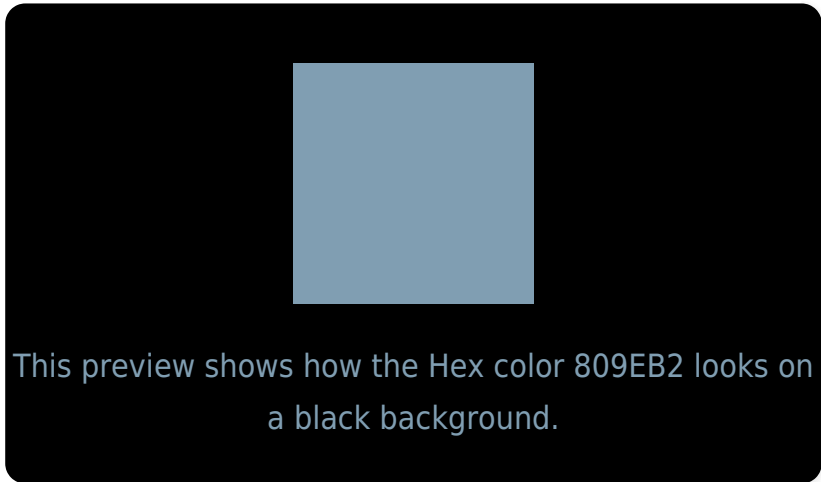
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

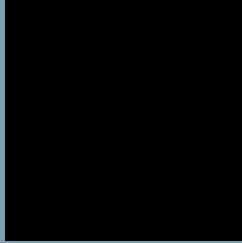
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

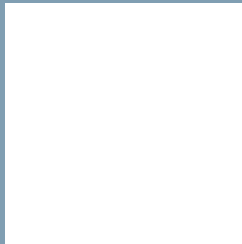
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 809EB2 Background



This preview shows how black text looks on a background with the Hex color 809EB2.

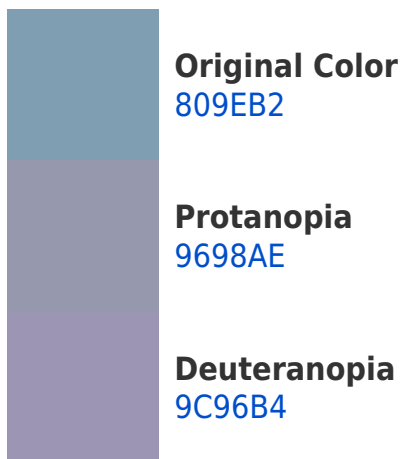


This preview shows how white text looks on a background with the Hex color 809EB2.

# 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

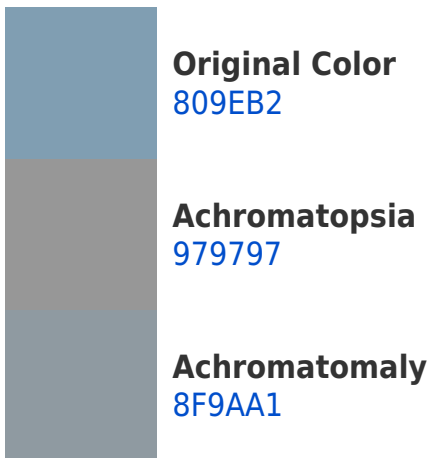




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 809EB2 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 #809EB2 looks like.

```
.text, #text, p{  
    color:#809EB2  
}
```

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 #809EB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #809EB2
}
```

## Border

The CSS property to change the border of an element to Hex 809EB2 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
#809EB2 }
```

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

```
.border{ border-color:#809EB2 }
```

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

Here you see how a box with a 4 pixel #809EB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #809EB2; -webkit-box-shadow:4px 4px  
4px 4px #809EB2; box-shadow:4px 4px 4px  
4px #809EB2 }
```

# Background

The CSS property to change the background color of an element to Hex 809EB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#809EB2 }
```

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

```
.background{ background-color:#809EB2 }
```

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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