

# Converting Colors

Hex(9089E2)

Have a look what the booklet for  
Hex(9089E2) contains.

<b>Hex(9089E2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(9089E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9089E2
RGB	144, 137, 226
RGB Percent	56%, 54%, 89%
CMY	0.4353, 0.4627, 0.1137
CMYK	0.36, 0.39, 0.00, 0.11
HSL	245°, 61%, 71%
HSV	245°, 39%, 89%
XYZ	34.1747, 29.3116, 75.8080
YIQ	149.2390, -24.3970, 29.1630

# Conversions

## Conversions Part 2

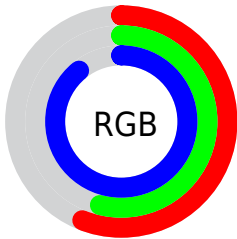
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">144, 137, 226</a>
Decimal	<a href="#">9472482</a>
CIELab	<a href="#">61.06, 23.41, -44.41</a>
CIElCh	<a href="#">61, 50.198, 297.793</a>
Yxy	<a href="#">29.3116, 0.2453, 0.2104</a>
Android (android.graphics.Color)	<a href="#">4287662562</a> <a href="#">(0xFF9089E2)</a>
YUV	<a href="#">149.2390, 37.8432, -4.5946</a>
Hunter-Lab	<a href="#">54.1402, 17.9286, -45.1207</a>

# Details

The Hex color **9089E2** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DBE289**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **C8BEFF**, and **5957AA** is the 20% darker color. If you saturate the color by 10%, you get **7B72E2**, and if you desaturate by 10%, it is **A5A0E2**.

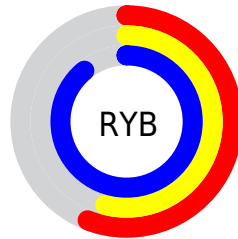
# Distribution



Red (56%)

Green (54%)

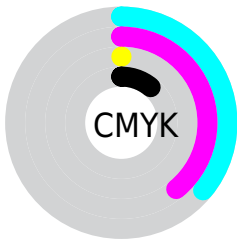
Blue (89%)



Red (56%)

Yellow (54%)

Blue (89%)

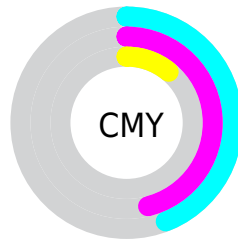


Cyan (36%)

Magenta (39%)

Yellow (0%)

Black (11%)



Cyan (44%)

Magenta (46%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9089E2 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 9089E2 by changing the saturation by 10% instead.



 9089E2

 9089E2

FFFFFF

 7570C6

 C8BEFF

 5957AA

 E5DAFF

 3E408F

 FFF7FF

 212A75

 00165C

 000044

 00032D

 000117

 000000

9089E2

9089E2

7B72E2

A5A0E2

665CE2

BAB6E2

5245E2

CECDE2

3D2FE2

E3E3E2

2818E2

F8FAE2

1301E2

FFFFE2

1200E2

# Harmonies

## Analogous

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



2799EC



9089E2



C777C3

# Triad

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



9089E2



D17F49



00A98E

# Complementary

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



9089E2



DBE289

# 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.



49A562



9089E2



AF9036

# Square

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



9089E2



E4716C



839D41



00A9BB

# Rectangle

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



9089E2



DC6FA7



839D41



00A87F



# Sweetspot

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



9089E2



E3E0FF



89DCE2



6F6E80



000000



808080



# Same Dimension

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



9089E2



9187FF



BB89E2



666570



0E00B0



040030



# Inverse Universe

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



E289DB



FF87F6



B0E289



70656F



B000A2

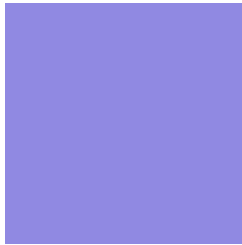


30002D



# Previews

## White Background



This preview shows how the Hex color 9089E2 looks on a white background.

## Color Contrast Check

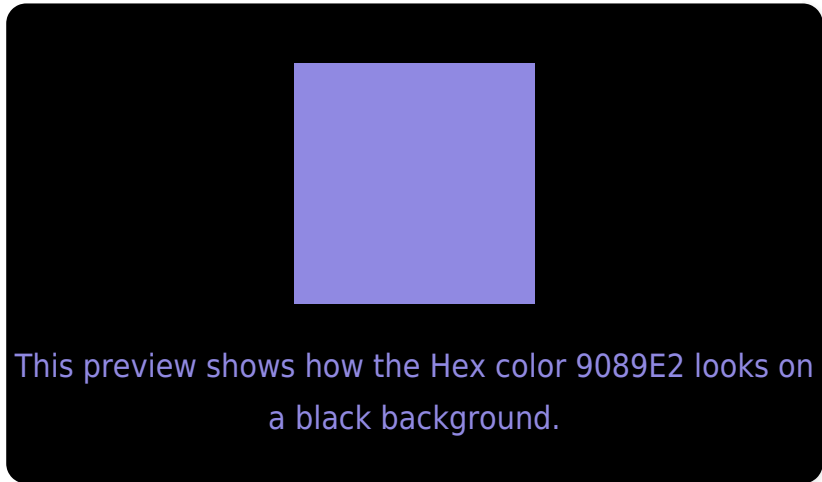
Large Text (above 18pt) WCAG AA ✓ Pass

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

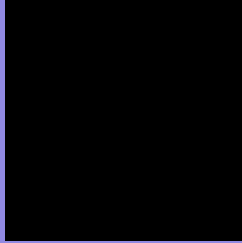
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9089E2 Background



This preview shows how black text looks on a background with the Hex color 9089E2.



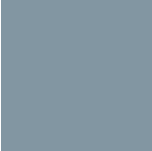
This preview shows how white text looks on a background with the Hex color 9089E2.

# 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](#).

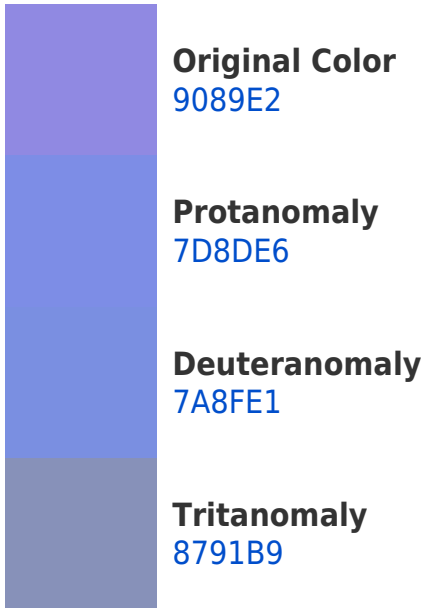
## Dichromacy



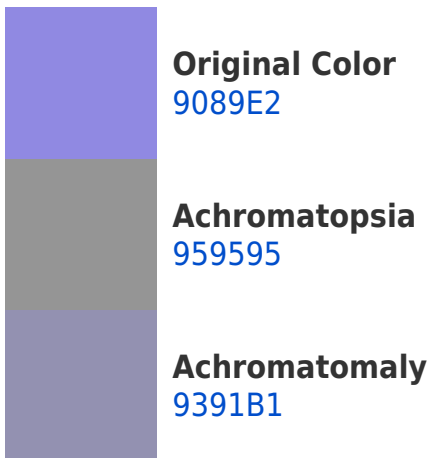


**Tritanopia**  
8296A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9089E2 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 #9089E2 looks like.

```
.text, #text, p{  
    color:#9089E2  
}
```

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 #9089E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9089E2
}
```

## Border

The CSS property to change the border of an element to Hex 9089E2 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
#9089E2 }
```

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

```
.border{ border-color:#9089E2 }
```

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

Here you see how a box with a 4 pixel #9089E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9089E2; -webkit-box-shadow:4px 4px  
4px 4px #9089E2; box-shadow:4px 4px 4px  
4px #9089E2 }
```

# Background

The CSS property to change the background color of an element to Hex 9089E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9089E2 }
```

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

```
.background{ background-color:#9089E2 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor