

# Converting Colors

Hex(B089C4)

Have a look what the booklet for  
Hex(B089C4) contains.

<b>Hex(B089C4)</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(B089C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B089C4
RGB	176, 137, 196
RGB Percent	69%, 54%, 77%
CMY	0.3098, 0.4627, 0.2314
CMYK	0.10, 0.30, 0.00, 0.23
HSL	280°, 33%, 65%
HSV	280°, 30%, 77%
XYZ	36.8140, 31.1069, 56.2885
YIQ	155.3870, 4.3050, 26.6170

# Conversions

## Conversions Part 2

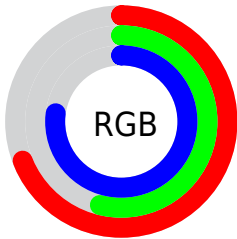
Format	Color
<a href="#">RYB</a>	<a href="#">176, 137, 196</a>
Decimal	<a href="#">11569604</a>
CIELab	<a href="#">62.60, 25.69, -25.00</a>
CIELCh	<a href="#">63, 35.845, 315.773</a>
Yxy	<a href="#">31.1069, 0.2964, 0.2504</a>
Android (android.graphics.Color)	<a href="#">4289759684 (0xFFB089C4)</a>
YUV	<a href="#">155.3870, 20.0222, 18.0776</a>
Hunter-Lab	<a href="#">55.7736, 20.2170, -20.7958</a>

# Details

The Hex color **B089C4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9DC489**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **E8BFFD**, and **7B578E** is the 20% darker color. If you saturate the color by 10%, you get **A975C4**, and if you desaturate by 10%, it is **B79DC4**.

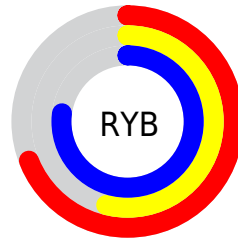
# Distribution



Red (69%)

Green (54%)

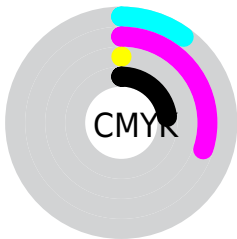
Blue (77%)



Red (69%)

Yellow (54%)

Blue (77%)

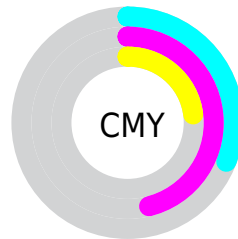


Cyan (10%)

Magenta (30%)

Yellow (0%)

Black (23%)



Cyan (31%)

Magenta (46%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B089C4 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 B089C4 by changing the saturation by 10% instead.



 B089C4

 B089C4

FFFFFF

 956FA9

 E8BFFD

 7B578E

 FFDBFF

 613F74

 FFF7FF

 49285C

 311244

 1D002D

 000118

 000000

 B089C4

 B089C4

 A975C4

 B79DC4

 A362C4

 BDB0C4

 9C4EC4

 C4C4C4

 953BC4

 CBD7C4

 8F27C4

 D1EBC4

 8813C4

 D8FFC4

 8200C4

 DFFFC4

 E5FFC4

 ECFFC4

# Harmonies

## Analogous

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



8495D4



B089C4



CC80A8

# Triad

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



B089C4



B9905A



16A8A8

# Complementary

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



B089C4



9DC489

# 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.



4EA787



B089C4



9B9B59

# Square

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



B089C4



CE856B



78A36A



00A6C4

# Rectangle

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



B089C4



D47E92



78A36A



2CA89D



# Sweetspot

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



B089C4



F7E8FF



899EC4



7B7180



000000



808080



# Same Dimension

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



B089C4



E0A3FF



C489BB



5E5761



6A00A1



160021



# Inverse Universe

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



C4899D



FFA3C2



89C492



61575A



A10036

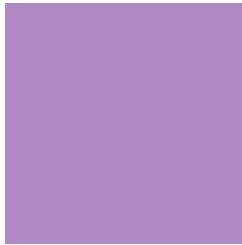


21000B



# Previews

## White Background



This preview shows how the Hex color B089C4 looks on a white background.

## Color Contrast Check

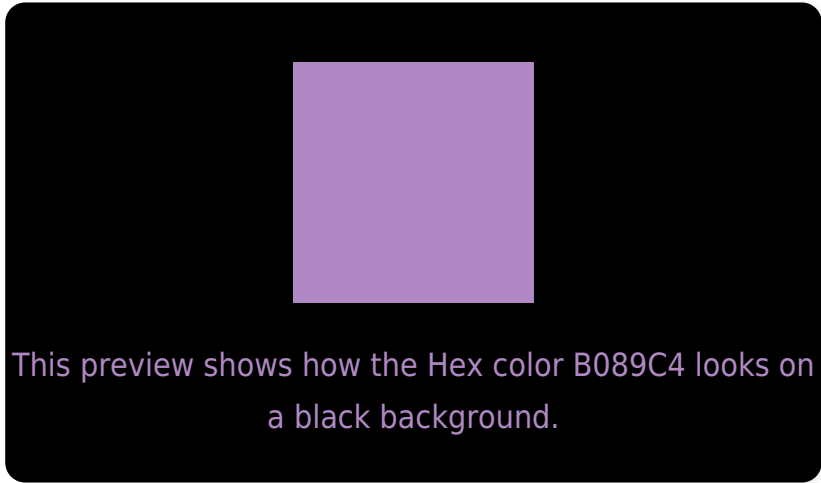
Large Text (above 18pt) WCAG AA × Fail

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

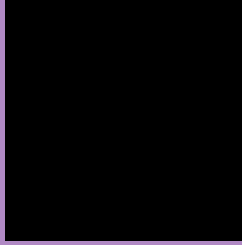
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B089C4 Background



This preview shows how black text looks on a background with the Hex color B089C4.

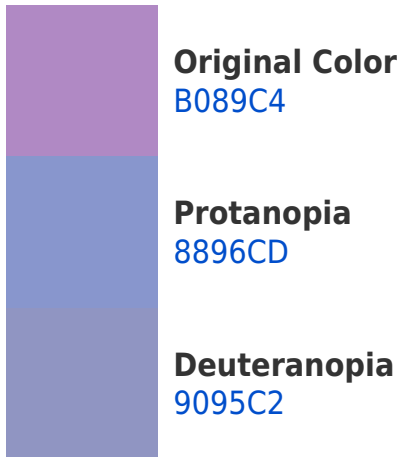


This preview shows how white text looks on a background with the Hex color B089C4.

# 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](#).

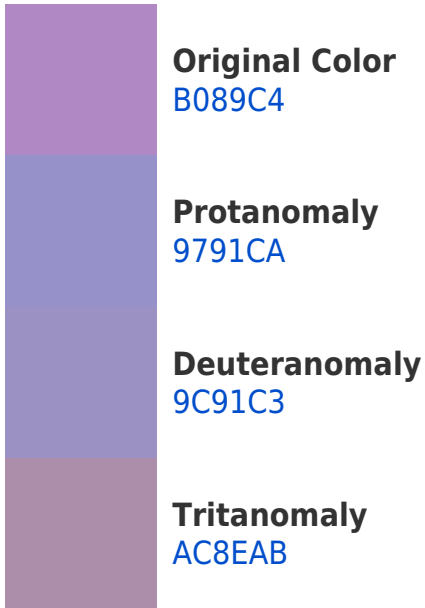
## Dichromacy



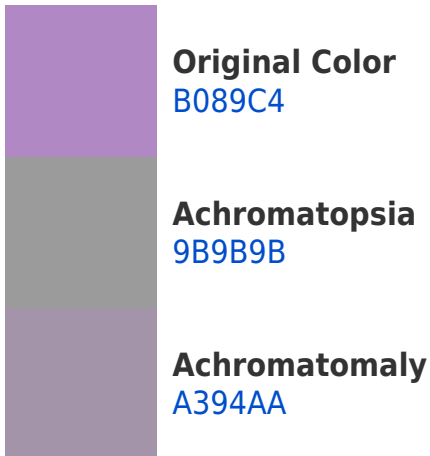


**Tritanopia**  
AA919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B089C4 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 #B089C4 looks like.

```
.text, #text, p{  
    color:#B089C4  
}
```

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 #B089C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B089C4
}
```

## Border

The CSS property to change the border of an element to Hex B089C4 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
#B089C4 }
```

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

```
.border{ border-color:#B089C4 }
```

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

Here you see how a box with a 4 pixel #B089C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B089C4; -webkit-box-shadow:4px 4px  
4px 4px #B089C4; box-shadow:4px 4px 4px  
4px #B089C4 }
```

# Background

The CSS property to change the background color of an element to Hex B089C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B089C4 }
```

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

```
.background{ background-color:#B089C4 }
```

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