

# Converting Colors

Hex(8C689A)

Have a look what the booklet for  
Hex(8C689A) contains.

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# Color

**Hex(8C689A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C689A
RGB	140, 104, 154
RGB Percent	55%, 41%, 60%
CMY	0.4510, 0.5922, 0.3961
CMYK	0.09, 0.32, 0.00, 0.40
HSL	283°, 20%, 51%
HSV	283°, 32%, 60%
XYZ	21.5983, 17.8092, 32.8710
YIQ	120.4640, 5.4060, 23.1820

# Conversions

## Conversions Part 2

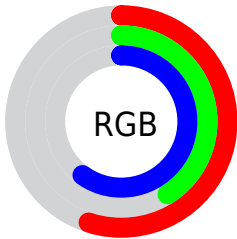
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 104, 154
Decimal	9201818
CIE <sub>Lab</sub>	49.26, 23.81, -21.64
CIE <sub>LCh</sub>	49, 32.174, 317.723
Yxy	17.8092, 0.2988, 0.2464
Android (android.graphics.Color)	4287391898 (0xFF8C689A)
YUV	120.4640, 16.5332, 17.1331
Hunter-Lab	42.2009, 17.5040, -16.6413

# Details

The Hex color **8C689A** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **769A68**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **C29CD1**, and **593867** is the 20% darker color. If you saturate the color by 10%, you get **88599A**, and if you desaturate by 10%, it is **90779A**.

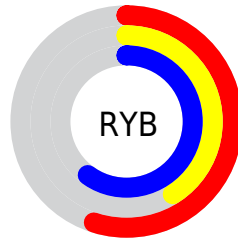
# Distribution



Red (55%)

Green (41%)

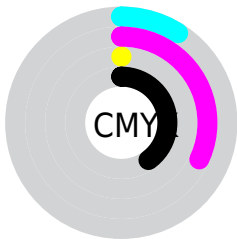
Blue (60%)



Red (55%)

Yellow (41%)

Blue (60%)

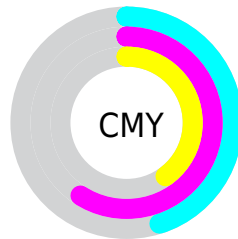


Cyan (9%)

Magenta (32%)

Yellow (0%)

Black (40%)



Cyan (45%)

Magenta (59%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C689A 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 8C689A by changing the saturation by 10% instead.



8C689A

8C689A

FFFFFF

725080

C29CD1

593867

DEB7ED

41224F

FBD2FF

2A0C37

FFEFFF

170022

000008

000000

8C689A

8C689A

88599A

90779A

83499A

95879A

7F3A9A

99969A

7B2A9A

9DA69A

761B9A

A2B59A

720C9A

A6C49A

6F009A

AAD49A

AEE39A

B3F39A

# Harmonies

## Analogous

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



6772A9



8C689A



A36181

# Triad

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



8C689A



907040



008385

# Complementary

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



8C689A



769A68

# 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.



318369



8C689A



767940

# Square

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



8C689A



A3664E



577F4F



00819D

# Rectangle

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



8C689A



A95F6F



577F4F



01837B



# Sweetspot

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



8C689A



C4B5C9



68769A



635A66



E6E6E6



666666



# Same Dimension

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



8C689A



B37BC9



9A688F



4A454D



65008C



09000D



# Inverse Universe

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



9A6876



C97B91



689A73



4D4547



8C0027

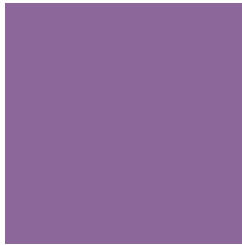


0D0004



# Previews

## White Background



This preview shows how the Hex color 8C689A looks on a white background.

## Color Contrast Check

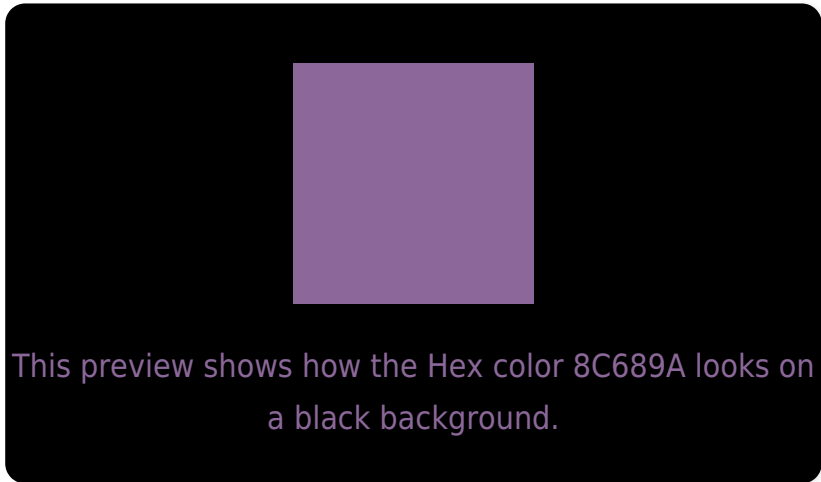
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

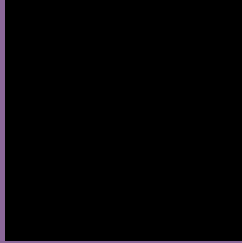
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C689A Background



This preview shows how black text looks on a background with the Hex color 8C689A.



This preview shows how white text looks on a background with the Hex color 8C689A.

# 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**  
8C689A

**Protanopia**  
6774A3

**Deuteranopia**  
6E7398



**Tritanopia**  
876F77

# Trichromacy



**Original Color**  
8C689A

**Protanomaly**  
7470A0

**Deuteranomaly**  
796F99

**Tritanomaly**  
896C84

# Monochromacy



**Original Color**  
8C689A

**Achromatopsia**  
787878

**Achromatomaly**  
7F7284

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C689A 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 #8C689A looks like.

```
.text, #text, p{  
    color:#8C689A  
}
```

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 #8C689A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C689A
}
```

## Border

The CSS property to change the border of an element to Hex 8C689A is called "border". The border property can be set on classes, ids or directly on the HTML element.

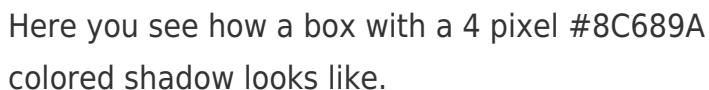
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C689A }
```

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

```
.border{ border-color:#8C689A }
```

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



Here you see how a box with a 4 pixel #8C689A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C689A; -webkit-box-shadow:4px 4px  
4px 4px #8C689A; box-shadow:4px 4px 4px  
4px #8C689A }
```

# Background

The CSS property to change the background color of an element to Hex 8C689A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C689A }
```

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

```
.background{ background-color:#8C689A }
```

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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