

# Converting Colors

Hex(85609A)

Have a look what the booklet for  
Hex(85609A) contains.

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# Color

**Hex(85609A)**

# Conversions

Conversions Part 1	
Format	Color
Hex	85609A
RGB	133, 96, 154
RGB Percent	52%, 38%, 60%
CMY	0.4784, 0.6235, 0.3961
CMYK	0.14, 0.38, 0.00, 0.40
HSL	278°, 23%, 49%
HSV	278°, 38%, 60%
XYZ	19.6885, 15.6854, 32.5617
YIQ	113.6750, 3.4340, 25.8820

# Conversions

## Conversions Part 2

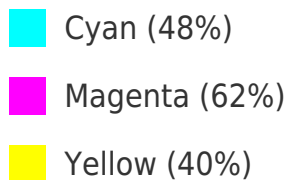
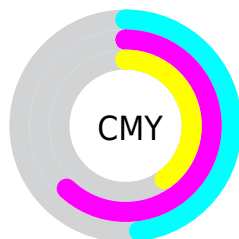
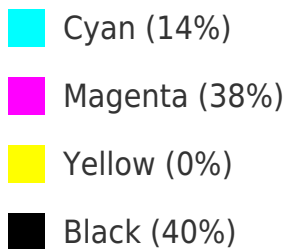
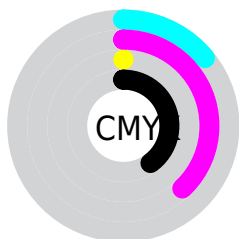
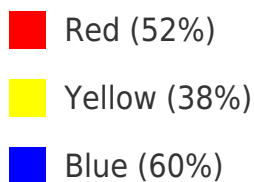
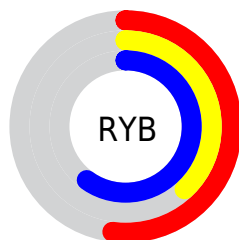
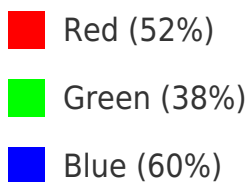
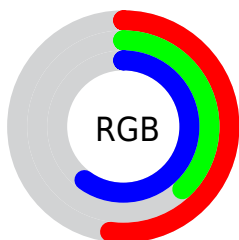
Format	Color
<a href="#">RYB</a>	<a href="#">133, 96, 154</a>
Decimal	<a href="#">8741018</a>
CIELab	<a href="#">46.56, 26.19, -25.89</a>
CIELCh	<a href="#">47, 36.825, 315.338</a>
Yxy	<a href="#">15.6854, 0.2898, 0.2309</a>
Android (android.graphics.Color)	<a href="#">4286931098</a> (0xFF85609A)
YUV	<a href="#">113.6750, 19.8802, 16.9480</a>
Hunter-Lab	<a href="#">39.6048, 19.4282, -21.0229</a>

# Details

The Hex color **85609A** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **759A60**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **BB93D1**, and **523167** is the 20% darker color. If you saturate the color by 10%, you get **7F519A**, and if you desaturate by 10%, it is **8B6F9A**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 85609A 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 85609A by changing the saturation by 10% instead.



 85609A

FFFFFF

 BB93D1

 D7AEED

 F4C9FF

 FFE6FF

 85609A

 6B4880

 523167

 3A1A4E

 230437

 060022

 000007

 000000

 85609A

 7F519A

 85609A

 8B6F9A

 7A419A

 907F9A

 74329A

 968E9A

 6F229A

 9B9E9A

 69139A

 A1AD9A

 64049A

 A6BC9A

 62009A

 ACCC9A

 B2DB9A

 B7EB9A

# Harmonies

## Analogous

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



576CAA



85609A



A0567F

# Triad

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



85609A



8D6732



007E7E

# Complementary

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



85609A



759A60

# 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.



197D5E



85609A



717230

# Square

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



85609A



A15C44



4E7941



007C99

# Rectangle

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



85609A



A8546A



4E7941



007E73



# Sweetspot

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



85609A



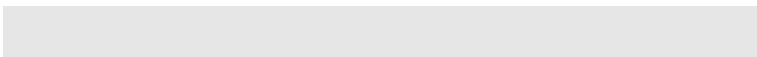
C1B3C9



60759A



615966



E6E6E6



666666



# Same Dimension

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



85609A



A96FC9



9A6092



4A454D



59008C



08000D



# Inverse Universe

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



9A6075



C96F90



609A68



4D4548



8C0033

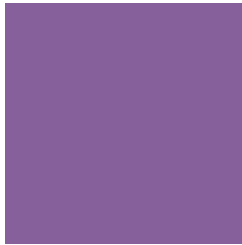


0D0005



# Previews

## White Background



This preview shows how the Hex color 85609A 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



This preview shows how the Hex color 85609A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

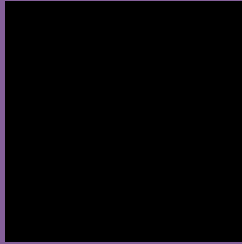
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 85609A Background



This preview shows how black text looks on a background with the Hex color 85609A.



This preview shows how white text looks on a background with the Hex color 85609A.

# 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**  
85609A


**Protanopia**  
5C6DA4

**Deuteranopia**  
626D97






**Tritanopia**  
7F6971

# Trichromacy

	<b>Original Color</b> 85609A
	<b>Protanomaly</b> 6B68A0
	<b>Deuteranomaly</b> 6F6898
	<b>Tritanomaly</b> 816680

# Monochromacy

	<b>Original Color</b> 85609A
	<b>Achromatopsia</b> 727272
	<b>Achromatomaly</b> 796B81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85609A 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 #85609A looks like.

```
.text, #text, p{  
    color:#85609A  
}
```

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 #85609A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85609A
}
```

## Border

The CSS property to change the border of an element to Hex 85609A 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
#85609A }
```

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

```
.border{ border-color:#85609A }
```

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

Here you see how a box with a 4 pixel #85609A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85609A; -webkit-box-shadow:4px 4px  
4px 4px #85609A; box-shadow:4px 4px 4px  
4px #85609A }
```

# Background

The CSS property to change the background color of an element to Hex 85609A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85609A }
```

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

```
.background{ background-color:#85609A }
```

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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