

# Converting Colors

Hex(8C5690)

Have a look what the booklet for  
Hex(8C5690) contains.

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# Color

**Hex(8C5690)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C5690
RGB	140, 86, 144
RGB Percent	55%, 34%, 56%
CMY	0.4510, 0.6627, 0.4353
CMYK	0.03, 0.40, 0.00, 0.44
HSL	296°, 25%, 45%
HSV	296°, 40%, 56%
XYZ	19.1770, 14.2446, 28.1243
YIQ	108.7580, 13.5660, 29.4860

# Conversions

## Conversions Part 2

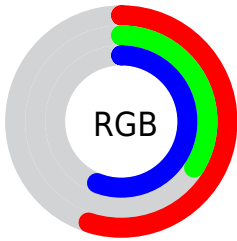
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 86, 144
Decimal	9197200
CIE <sub>Lab</sub>	44.58, 32.13, -22.92
CIE <sub>LCh</sub>	45, 39.468, 324.499
Yxy	14.2446, 0.3116, 0.2314
Android (android.graphics.Color)	4287387280 (0xFF8C5690)
YUV	108.7580, 17.3743, 27.3992
Hunter-Lab	37.7421, 24.6486, -17.7617

# Details

The Hex color **8C5690** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5A9056**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **C389C6**, and **58265D** is the 20% darker color. If you saturate the color by 10%, you get **8B4890**, and if you desaturate by 10%, it is **8D6490**.

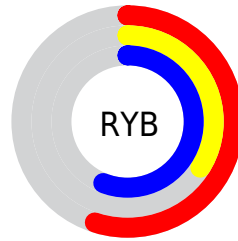
# Distribution



Red (55%)

Green (34%)

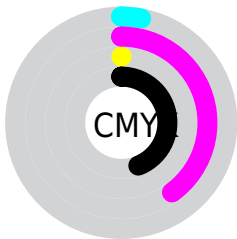
Blue (56%)



Red (55%)

Yellow (34%)

Blue (56%)

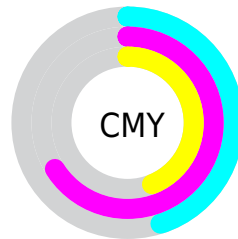


Cyan (3%)

Magenta (40%)

Yellow (0%)

Black (44%)



Cyan (45%)

Magenta (66%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C5690 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 8C5690 by changing the saturation by 10% instead.



8C5690

8C5690

FFFFFF

723E76

C389C6

58265D

DFA4E2

400E46

FCBFFF

29002F

FFDBFF

07001A

FFF8FF

000000

8C5690

8C5690

8B4890

8D6490

8A3990

8E7390

892B90

8F8190

881C90

909090

870E90

919E90

860090

92AC90

93BB90

94C990

95D890

# Harmonies

## Analogous

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



6163A5



8C5690



A24D71

# Triad

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



8C5690



816625



007A84

# Complementary

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



8C5690



5A9056

# 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.



007962



8C5690



61702A

# Square

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



8C5690



995935



387642



00769E

# Rectangle

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



8C5690



A74D5B



387642



007A79



# Sweetspot

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



8C5690



B9A4BA



565B90



5D515E



DEDEDE



5E5E5E



# Same Dimension

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



8C5690



B461BA



905678



474047



7E0087



070008



# Inverse Universe

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



90565A



BA6167



56906E



474041



870009

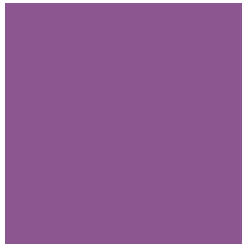


080001



# Previews

## White Background



This preview shows how the Hex color 8C5690 looks on a white background.

## Color Contrast Check

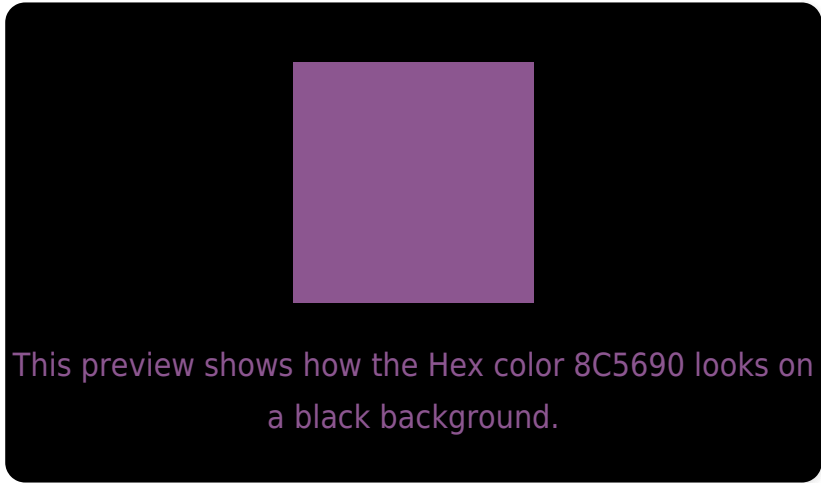
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

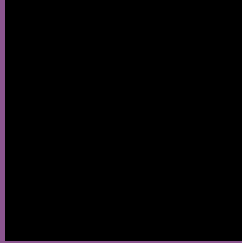
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8C5690 Background



This preview shows how black text looks on a background with the Hex color 8C5690.



This preview shows how white text looks on a background with the Hex color 8C5690.

# 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**  
865F66

# Trichromacy



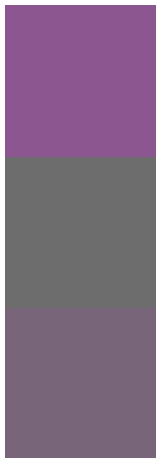
**Original Color**  
8C5690

**Protanomaly**  
6A6199

**Deuteranomaly**  
71618E

**Tritanomaly**  
885C75

# Monochromacy



**Original Color**  
8C5690

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
78657A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C5690 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 #8C5690 looks like.

```
.text, #text, p{  
    color:#8C5690  
}
```

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 #8C5690 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C5690
}
```

## Border

The CSS property to change the border of an element to Hex 8C5690 is called "border". The border property can be set on classes, ids or directly on the HTML element.

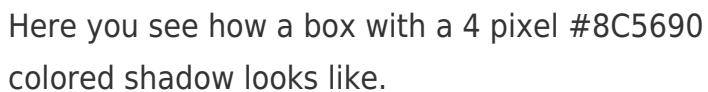
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C5690 }
```

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

```
.border{ border-color:#8C5690 }
```

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



Here you see how a box with a 4 pixel #8C5690 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C5690; -webkit-box-shadow:4px 4px  
4px 4px #8C5690; box-shadow:4px 4px 4px  
4px #8C5690 }
```

# Background

The CSS property to change the background color of an element to Hex 8C5690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C5690 }
```

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

```
.background{ background-color:#8C5690 }
```

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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