

# Converting Colors

Hex(8C5495)

Have a look what the booklet for  
Hex(8C5495) contains.

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# Color

**Hex(8C5495)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C5495
RGB	140, 84, 149
RGB Percent	55%, 33%, 58%
CMY	0.4510, 0.6706, 0.4157
CMYK	0.06, 0.44, 0.00, 0.42
HSL	292°, 28%, 46%
HSV	292°, 44%, 58%
XYZ	19.4104, 14.0860, 30.1296
YIQ	108.1540, 12.5110, 32.0870

# Conversions

## Conversions Part 2

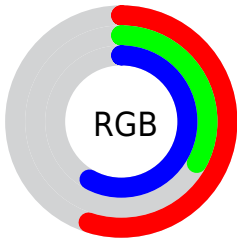
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 84, 149
Decimal	9196693
CIE <sub>Lab</sub>	44.36, 34.29, -26.27
CIE <sub>LCh</sub>	44, 43.193, 322.545
Yxy	14.0860, 0.3051, 0.2214
Android (android.graphics.Color)	4287386773 (0xFF8C5495)
YUV	108.1540, 20.1371, 27.9289
Hunter-Lab	37.5314, 26.6363, -21.3252

# Details

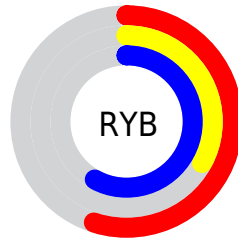
The Hex color **8C5495** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5D9554**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **C387CB**, and **582462** is the 20% darker color. If you saturate the color by 10%, you get **8A4595**, and if you desaturate by 10%, it is **8E6395**.

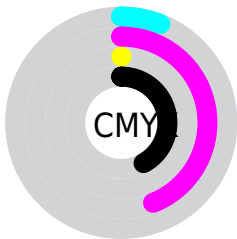
# Distribution



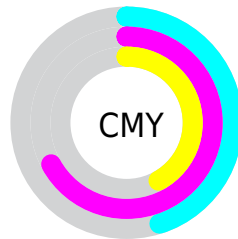
- Red (55%)
- Green (33%)
- Blue (58%)



- Red (55%)
- Yellow (33%)
- Blue (58%)



- Cyan (6%)
- Magenta (44%)
- Yellow (0%)
- Black (42%)



- Cyan (45%)
- Magenta (67%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C5495 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 8C5495 by changing the saturation by 10% instead.



 8C5495

 8C5495

FFFFFF

 723C7B

 C387CB

 582462

 DFA2E8

 3F0A4A

 FCBDFF

 280033

 FFD9FF

 07001D

 FFF6FF

 000000

 8C5495

 8C5495

 8A4595

 8E6395

 883695

 907295

 862795

 928195

 841895

 949095

 820995

 969F95

 800095

 98AD95

 9ABC95

 9DCB95

 9FDA95

# Harmonies

## Analogous

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



5A63AB



8C5495



A64973

# Triad

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



8C5495



84641D



007A83

# Complementary

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



8C5495



5D9554

# 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.



007A5E



8C5495



626F21

# Square

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



8C5495



9D5630



35763B



0077A1

# Rectangle

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



8C5495



AB485B



35763B



007A77



# Sweetspot

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



8C5495



BEA9C2



545E95



5F5161



E0E0E0



616161



# Same Dimension

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



8C5495



B45DC2



95547E



49434A



77008A



09000A



# Inverse Universe

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



95545D



C25D6B



54956B



4A4344



8A0013

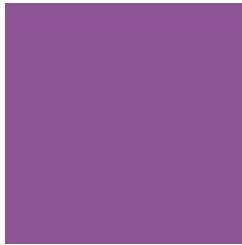


0A0001



# Previews

## White Background



This preview shows how the Hex color 8C5495 looks on a white background.

## Color Contrast Check

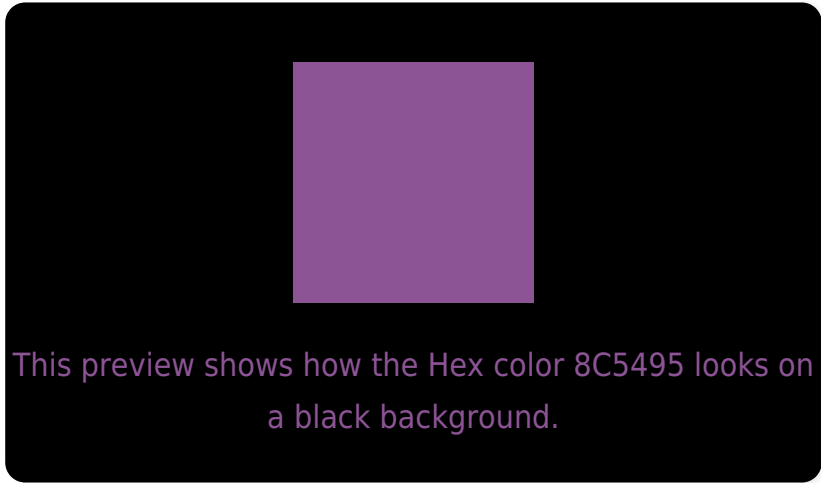
Large Text (above 18pt) WCAG AA ✓ Pass

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

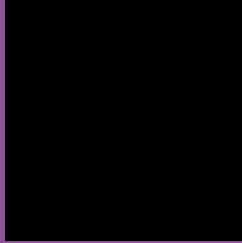
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8C5495 Background



This preview shows how black text looks on a background with the Hex color 8C5495.

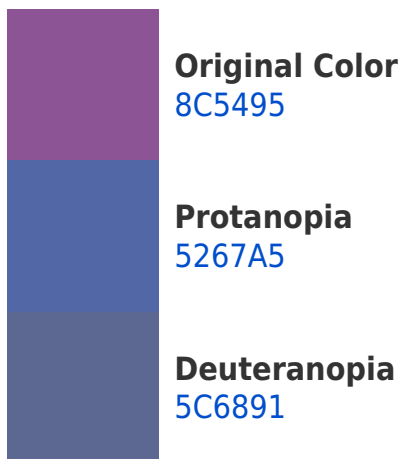


This preview shows how white text looks on a background with the Hex color 8C5495.

# 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**  
8C5495



**Protanomaly**  
67609F



**Deuteranomaly**  
6D6192



**Tritanomaly**  
885B77

# Monochromacy



**Original Color**  
8C5495



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
78637B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C5495 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 #8C5495 looks like.

```
.text, #text, p{  
    color:#8C5495  
}
```

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 #8C5495 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C5495
}
```

## Border

The CSS property to change the border of an element to Hex 8C5495 is called "border". The border property can be set on classes, ids or directly on the HTML element.

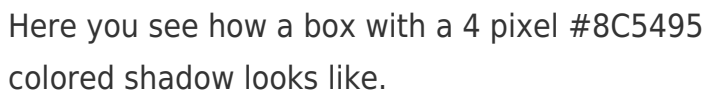
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C5495 }
```

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

```
.border{ border-color:#8C5495 }
```

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



Here you see how a box with a 4 pixel #8C5495 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C5495; -webkit-box-shadow:4px 4px  
4px 4px #8C5495; box-shadow:4px 4px 4px  
4px #8C5495 }
```

# Background

The CSS property to change the background color of an element to Hex 8C5495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C5495 }
```

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

```
.background{ background-color:#8C5495 }
```

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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