

# Converting Colors

Hex(8C276C)

Have a look what the booklet for  
Hex(8C276C) contains.

<b>Hex(8C276C)</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(8C276C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C276C
RGB	140, 39, 108
RGB Percent	55%, 15%, 42%
CMY	0.4510, 0.8471, 0.5765
CMYK	0.00, 0.72, 0.23, 0.45
HSL	319°, 56%, 35%
HSV	319°, 72%, 55%
XYZ	14.2475, 8.1092, 15.0017
YIQ	77.0650, 38.0470, 42.8710

# Conversions

## Conversions Part 2

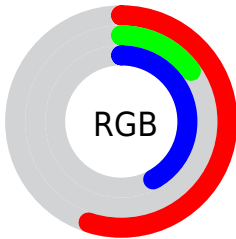
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 39, 108
Decimal	9185132
CIE <sub>Lab</sub>	34.21, 49.19, -16.73
CIE <sub>LCh</sub>	34, 51.953, 341.215
Yxy	8.1092, 0.3814, 0.2171
Android (android.graphics.Color)	4287375212 (0xFF8C276C)
YUV	77.0650, 15.2510, 55.1940
Hunter-Lab	28.4767, 39.4734, -11.3007

# Details

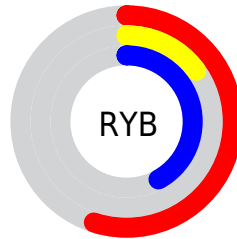
The Hex color **8C276C** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **278C47**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **C45DA0**, and **56003C** is the 20% darker color. If you saturate the color by 10%, you get **8C1968**, and if you desaturate by 10%, it is **8C3570**.

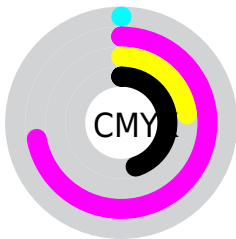
# Distribution



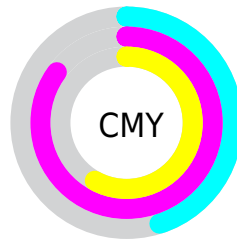
- Red (55%)
- Green (15%)
- Blue (42%)



- Red (55%)
- Yellow (15%)
- Blue (42%)



- Cyan (0%)
- Magenta (72%)
- Yellow (23%)
- Black (45%)



- Cyan (45%)
- Magenta (85%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C276C 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 8C276C by changing the saturation by 10% instead.



 8C276C


 8C276C

FFFFFF

 710254

 C45DA0

 56003C

 E178BB

 3C0027

 FF93D6

 230010

 FFAFF3

 000000

 FFCBFF

 FFE8FF

 8C276C

 8C276C

 8C1968

 8C3570

 8C0B63

 8C4375

 8C0060

 8C5179

 8C5F7E

 8C6D82

 8C7B87

 8C898B

 8C978F

 8CA594

# Harmonies

## Analogous

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



643D8F



8C276C



981F43

# Triad

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



8C276C



545400



006286

# Complementary

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



8C276C



278C47

# 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.



00635F



8C276C



235C05

# Square

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



8C276C



774500



006134



005C9F

# Rectangle

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



8C276C



942928



006134



00627A



# Sweetspot

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



8C276C



B58DA8



47278C



5C4454



DBDBDB



5C5C5C



# Same Dimension

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



8C276C



B51883



8C273A



453E43



85005B



050003



# Inverse Universe

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



8C276C



B51883



278C79



453E43



85005B



050003



# Previews

## White Background



This preview shows how the Hex color 8C276C looks on a white background.

## Color Contrast Check

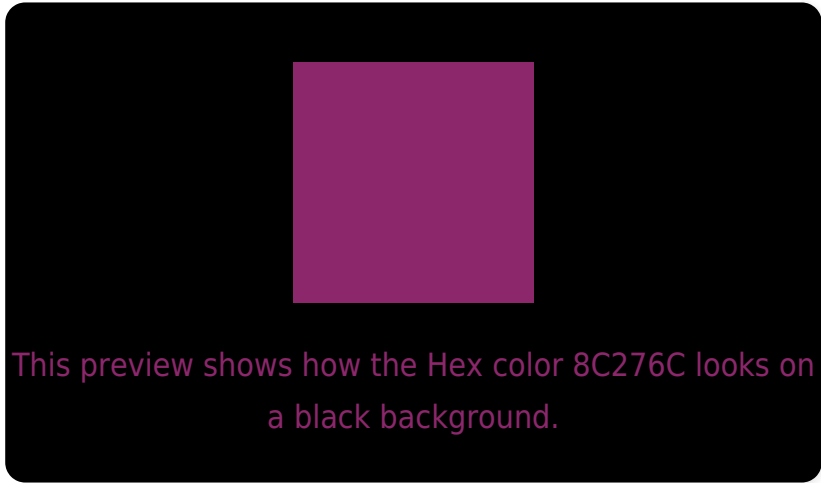
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black 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

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



## Hex 8C276C Background



This preview shows how black text looks on a background with the Hex color 8C276C.




This preview shows how white text looks on a background with the Hex color 8C276C.

# 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**  
88363A

# Trichromacy



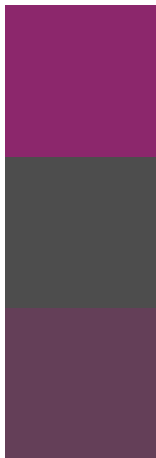
**Original Color**  
8C276C

**Protanomaly**  
574180

**Deuteranomaly**  
654168

**Tritanomaly**  
89314C

# Monochromacy



**Original Color**  
8C276C

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
643F58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C276C 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 #8C276C looks like.

```
.text, #text, p{  
    color:#8C276C  
}
```

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 #8C276C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C276C
}
```

## Border

The CSS property to change the border of an element to Hex 8C276C is called "border". The border property can be set on classes, ids or directly on the HTML element.

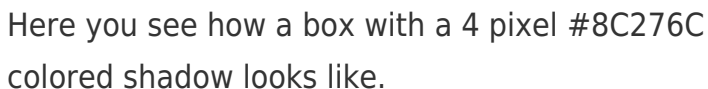
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C276C }
```

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

```
.border{ border-color:#8C276C }
```

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



Here you see how a box with a 4 pixel #8C276C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C276C; -webkit-box-shadow:4px 4px  
4px 4px #8C276C; box-shadow:4px 4px 4px  
4px #8C276C }
```

# Background

The CSS property to change the background color of an element to Hex 8C276C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C276C }
```

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

```
.background{ background-color:#8C276C }
```

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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