

# Converting Colors

Hex(8C1C75)

Have a look what the booklet for  
Hex(8C1C75) contains.

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**Color**

**Hex(8C1C75)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C1C75
RGB	140, 28, 117
RGB Percent	55%, 11%, 46%
CMY	0.4510, 0.8902, 0.5412
CMYK	0.00, 0.80, 0.16, 0.45
HSL	312°, 67%, 33%
HSV	312°, 80%, 55%
XYZ	14.4414, 7.6903, 17.5529
YIQ	71.6340, 38.1830, 51.4230

# Conversions

## Conversions Part 2

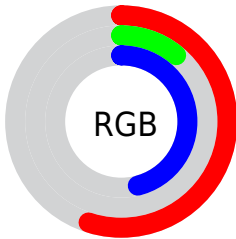
<b>Format</b>	<b>Color</b>
<b>RYB</b>	140, 28, 117
Decimal	9182325
CIELab	33.33, 54.18, -23.80
CIELCh	33, 59.174, 336.286
Yxy	7.6903, 0.3639, 0.1938
Android (android.graphics.Color)	4287372405 (0xFF8C1C75)
YUV	71.6340, 22.3654, 59.9570
Hunter-Lab	27.7314, 44.4254, -18.1162

# Details

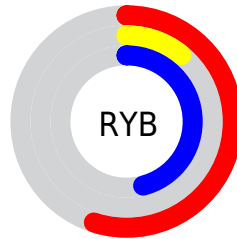
The Hex color **8C1C75** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **1C8C33**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **C556A9**, and **560044** is the 20% darker color. If you saturate the color by 10%, you get **8C0E72**, and if you desaturate by 10%, it is **8C2A78**.

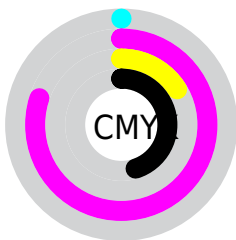
# Distribution



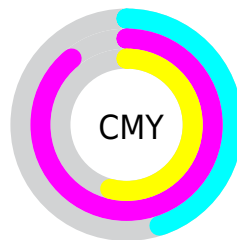
- Red (55%)
- Green (11%)
- Blue (46%)



- Red (55%)
- Yellow (11%)
- Blue (46%)



- Cyan (0%)
- Magenta (80%)
- Yellow (16%)
- Black (45%)



- Cyan (45%)
- Magenta (89%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C1C75 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 8C1C75 by changing the saturation by 10% instead.



 8C1C75

 8C1C75

FFFFFF

 71005C

 C556A9

 560044

 E271C5

 3C002E

 FF8CE1

 220019

 FFA8FE

 000000

 FFC5FF

 FFE1FF

 8C1C75

 8C1C75

 8C0E72

 8C2A78

■ 8C006F

■ 8C387B

■ 8C467E

■ 8C5481

■ 8C6283

■ 8C7086

■ 8C7E89

■ 8C8C8C

■ 8C9A8F

# Harmonies

## Analogous

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



583C9B



8C1C75



9E0047

# Triad

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



8C1C75



585000



006285

# Complementary

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



8C1C75



1C8C33

# 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.



006257



8C1C75



235A00

# Square

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



8C1C75



7D3D00



006026



005DA5

# Rectangle

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



8C1C75



9B1428



006026



006277



# Sweetspot

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



8C1C75



B58AAC



321C8C



5C4156



DBDBDB



5C5C5C



# Same Dimension

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



8C1C75



B50791



8C1C3E



453E43



850069



050004



# Inverse Universe

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



8C1C75



B50791



1C8C6A



453E43



850069



050004



# Previews

## White Background



This preview shows how the Hex color 8C1C75 looks on a white background.

## Color Contrast Check

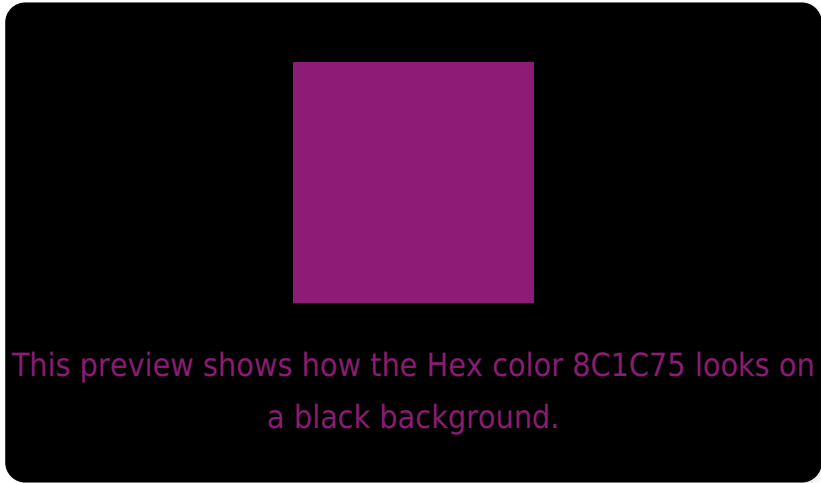
Large Text (above 18pt) WCAG AA ✓ Pass

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

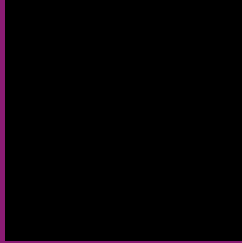
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8C1C75 Background



This preview shows how black text looks on a background with the Hex color 8C1C75.




This preview shows how white text looks on a background with the Hex color 8C1C75.

# 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**  
863437

# Trichromacy



**Original Color**  
8C1C75



**Protanomaly**  
453B8F



**Deuteranomaly**  
5F3C71

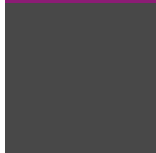


**Tritanomaly**  
882B4E

# Monochromacy



**Original Color**  
8C1C75



**Achromatopsia**  
484848



**Achromatomaly**  
613858

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C1C75 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 #8C1C75 looks like.

```
.text, #text, p{  
    color:#8C1C75  
}
```

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 #8C1C75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C1C75
}
```

## Border

The CSS property to change the border of an element to Hex 8C1C75 is called "border". The border property can be set on classes, ids or directly on the HTML element.

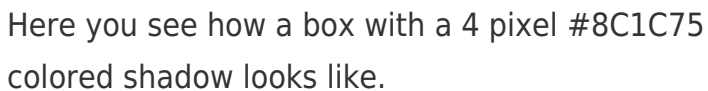
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C1C75 }
```

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

```
.border{ border-color:#8C1C75 }
```

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



Here you see how a box with a 4 pixel #8C1C75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C1C75; -webkit-box-shadow:4px 4px  
4px 4px #8C1C75; box-shadow:4px 4px 4px  
4px #8C1C75 }
```

# Background

The CSS property to change the background color of an element to Hex 8C1C75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C1C75 }
```

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

```
.background{ background-color:#8C1C75 }
```

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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