

# Converting Colors

Hex(8C1D6F)

Have a look what the booklet for  
Hex(8C1D6F) contains.

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# Color

**Hex(8C1D6F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C1D6F
RGB	140, 29, 111
RGB Percent	55%, 11%, 44%
CMY	0.4510, 0.8863, 0.5647
CMYK	0.00, 0.79, 0.21, 0.45
HSL	316°, 66%, 33%
HSV	316°, 79%, 55%
XYZ	14.1238, 7.6019, 15.7618
YIQ	71.5370, 39.8340, 49.0340

# Conversions

## Conversions Part 2

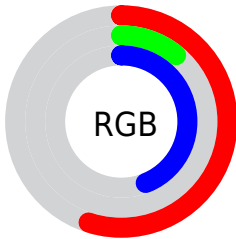
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 29, 111
Decimal	9182575
CIE <sub>Lab</sub>	33.14, 53.03, -20.29
CIE <sub>LCh</sub>	33, 56.775, 339.061
Yxy	7.6019, 0.3768, 0.2028
Android (android.graphics.Color)	4287372655 (0xFF8C1D6F)
YUV	71.5370, 19.4553, 60.0421
Hunter-Lab	27.5715, 43.1886, -14.5943

# Details

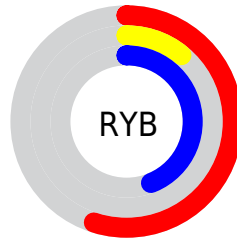
The Hex color **8C1D6F** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **1D8C3A**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **C556A3**, and **56003F** is the 20% darker color. If you saturate the color by 10%, you get **8C0F6B**, and if you desaturate by 10%, it is **8C2B73**.

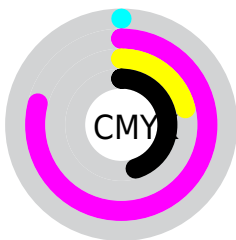
# Distribution



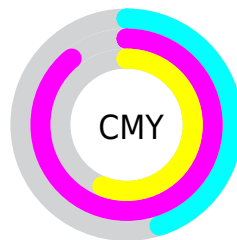
- Red (55%)
- Green (11%)
- Blue (44%)



- Red (55%)
- Yellow (11%)
- Blue (44%)



- Cyan (0%)
- Magenta (79%)
- Yellow (21%)
- Black (45%)



- Cyan (45%)
- Magenta (89%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C1D6F 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 8C1D6F by changing the saturation by 10% instead.



8C1D6F

8C1D6F

FFFFFF

710056

C556A3

56003F

E271BE

3C0029

FF8DDA

220013

FFA8F6

000000

FFC5FF

FFE2FF

8C1D6F

8C1D6F

8C0F6B

8C2B73

■ 8C0168

■ 8C3976

■ 8C0067

■ 8C477A

■ 8C557E

■ 8C6381

■ 8C7185

■ 8C7F89

■ 8C8D8C

■ 8C9B90

# Harmonies

## Analogous

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



5E3A95



8C1D6F



9B0B42

# Triad

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



8C1D6F



545000



006086

# Complementary

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



8C1D6F



1D8C3A

# 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.



00615B



8C1D6F



1E5A00

# Square

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



8C1D6F



794000



005F2C



005BA2

# Rectangle

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



8C1D6F



971D25



005F2C



006179



# Sweetspot

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



8C1D6F



B58AAA



391D8C



5C4155



DBDBDB



5C5C5C



# Same Dimension

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



8C1D6F



B50988



8C1D39



453E43



850062



050004



# Inverse Universe

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



8C1D6F



B50988



1D8C70



453E43



850062



050004



# Previews

## White Background



This preview shows how the Hex color 8C1D6F looks on a white background.

## Color Contrast Check

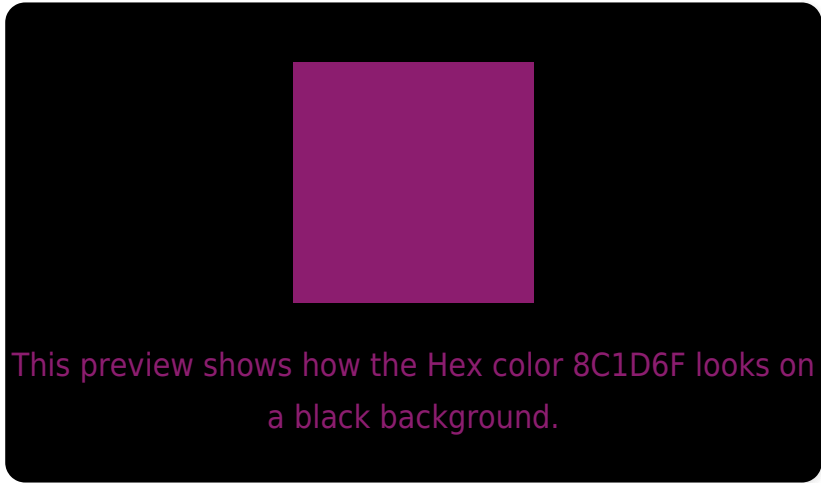
Large Text (above 18pt) WCAG AA ✓ Pass

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

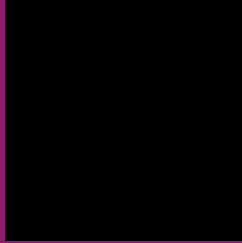
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8C1D6F Background



This preview shows how black text looks on a background with the Hex color 8C1D6F.



This preview shows how white text looks on a background with the Hex color 8C1D6F.

# 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





# Trichromacy



**Original Color**  
8C1D6F



**Protanomaly**  
4D3C87



**Deuteranomaly**  
613C6B

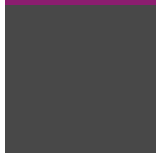


**Tritanomaly**  
892A4A

# Monochromacy



**Original Color**  
8C1D6F



**Achromatopsia**  
484848



**Achromatomaly**  
613856

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C1D6F 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 #8C1D6F looks like.

```
.text, #text, p{  
    color:#8C1D6F  
}
```

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 #8C1D6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C1D6F
}
```

## Border

The CSS property to change the border of an element to Hex 8C1D6F 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
#8C1D6F }
```

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

```
.border{ border-color:#8C1D6F }
```

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

Here you see how a box with a 4 pixel #8C1D6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C1D6F; -webkit-box-shadow:4px 4px  
4px 4px #8C1D6F; box-shadow:4px 4px 4px  
4px #8C1D6F }
```

# Background

The CSS property to change the background color of an element to Hex 8C1D6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C1D6F }
```

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

```
.background{ background-color:#8C1D6F }
```

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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