

# Converting Colors

Hex(851069)

Have a look what the booklet for  
Hex(851069) contains.

<b>Hex(851069)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(851069)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	851069
RGB	133, 16, 105
RGB Percent	52%, 6%, 41%
CMY	0.4784, 0.9373, 0.5882
CMYK	0.00, 0.88, 0.21, 0.48
HSL	314°, 79%, 29%
HSV	314°, 88%, 52%
XYZ	12.4080, 6.3770, 13.9415
YIQ	61.1290, 41.1630, 52.4830

# Conversions

## Conversions Part 2

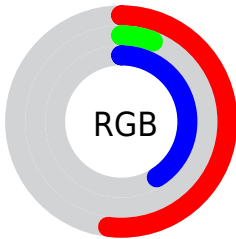
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 16, 105
Decimal	8720489
CIE Lab	30.34, 53.88, -20.90
CIE LCh	30, 57.794, 338.800
Yxy	6.3770, 0.3791, 0.1949
Android (android.graphics.Color)	4286910569 (0xFF851069)
YUV	61.1290, 21.6284, 63.0309
Hunter-Lab	25.2528, 43.5135, -15.0557

# Details

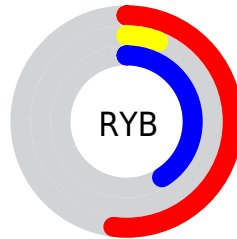
The Hex color **851069** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **10852C**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **BD4E9C**, and **4F0039** is the 20% darker color. If you saturate the color by 10%, you get **850366**, and if you desaturate by 10%, it is **851D6C**.

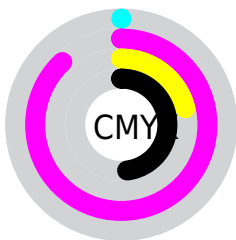
# Distribution



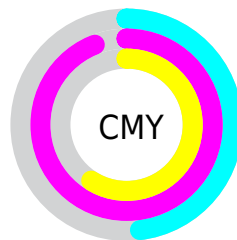
- Red (52%)
- Green (6%)
- Blue (41%)



- Red (52%)
- Yellow (6%)
- Blue (41%)



- Cyan (0%)
- Magenta (88%)
- Yellow (21%)
- Black (48%)



- Cyan (48%)
- Magenta (94%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 851069 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 851069 by changing the saturation by 10% instead.



 851069

 851069

FFFFFF

 6A0051

 BD4E9C

 4F0039

 DB69B7

 370024

 F884D3

 16000B

 FFA0F0

 000000

 FFBCFF

 FFD9FF

 FFF6FF

 851069

 851069

■ 850366

■ 851D6C

■ 850065

■ 852B6F

■ 853873

■ 854576

■ 855379

■ 85607C

■ 856D7F

■ 857A82

■ 858886

# Harmonies

## Analogous

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



56348F



851069



94003C

# Triad

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



851069



4D4A00



005A7F

# Complementary

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



851069



10852C

# 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.



005A54



851069



145400

# Square

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



851069



723900



005824



00559C

# Rectangle

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



851069



900F1F



005824



005A72



# Sweetspot

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



851069



AD80A3



2B1085



573C50



D6D6D6



575757



# Same Dimension

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



851069



AD0084



85102F



423C41



820063



030002



# Inverse Universe

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



851069



AD0084



108566



423C41



820063



030002



# Previews

## White Background



This preview shows how the Hex color 851069 looks on a white background.

## Color Contrast Check

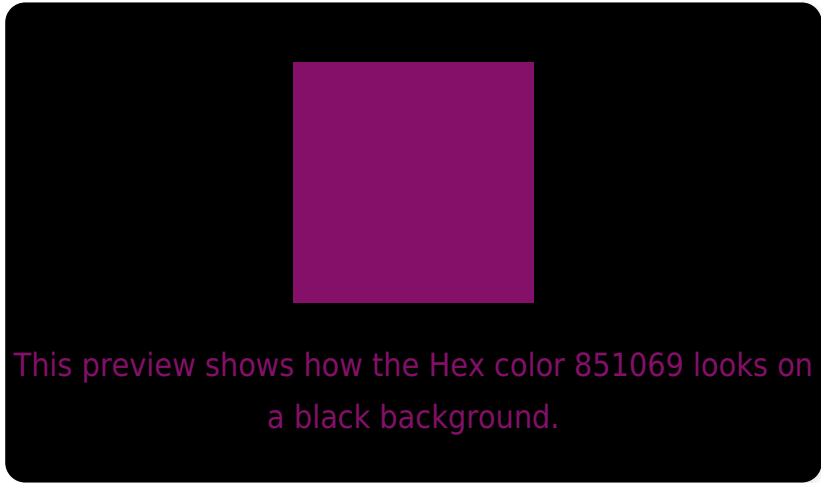
Large Text (above 18pt) WCAG AA ✓ Pass

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

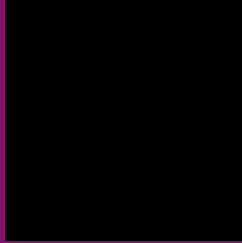
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 851069 Background



This preview shows how black text looks on a background with the Hex color 851069.



This preview shows how white text looks on a background with the Hex color 851069.

# 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**  
802B2E

# Trichromacy



**Original Color**  
851069

**Protanomaly**  
403383

**Deuteranomaly**  
5B3465

**Tritanomaly**  
822143

# Monochromacy



**Original Color**  
851069

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
572D4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 851069 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 #851069 looks like.

```
.text, #text, p{  
    color:#851069  
}
```

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 #851069 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #851069
}
```

## Border

The CSS property to change the border of an element to Hex 851069 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
#851069 }
```

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

```
.border{ border-color:#851069 }
```

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

Here you see how a box with a 4 pixel #851069 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #851069; -webkit-box-shadow:4px 4px  
4px 4px #851069; box-shadow:4px 4px 4px  
4px #851069 }
```

# Background

The CSS property to change the background color of an element to Hex 851069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#851069 }
```

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

```
.background{ background-color:#851069 }
```

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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