

# Converting Colors

Hex(8134B9)

Have a look what the booklet for  
Hex(8134B9) contains.

<b>Hex(8134B9)</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(8134B9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8134B9
RGB	129, 52, 185
RGB Percent	51%, 20%, 73%
CMY	0.4941, 0.7961, 0.2745
CMYK	0.30, 0.72, 0.00, 0.27
HSL	275°, 56%, 46%
HSV	275°, 72%, 73%
XYZ	19.0382, 10.6259, 46.9465
YIQ	90.1850, 3.1990, 57.6870

# Conversions

## Conversions Part 2

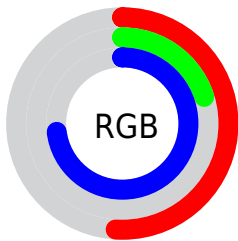
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 52, 185
Decimal	8467641
CIE <sub>Lab</sub>	38.94, 55.73, -56.36
CIE <sub>LCh</sub>	39, 79.260, 314.674
Yxy	10.6259, 0.2485, 0.1387
Android (android.graphics.Color)	4286657721 (0xFF8134B9)
YUV	90.1850, 46.7438, 34.0408
Hunter-Lab	32.5974, 47.2059, -62.5709

# Details

The Hex color **8134B9** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **6CB934**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **BA69F2**, and **490083** is the 20% darker color. If you saturate the color by 10%, you get **7922B9**, and if you desaturate by 10%, it is **8947B9**.

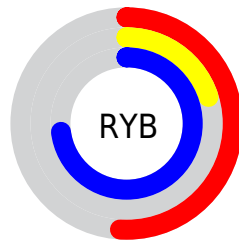
# Distribution



Red (51%)

Green (20%)

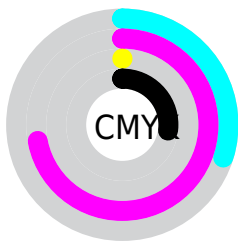
Blue (73%)



Red (51%)

Yellow (20%)

Blue (73%)

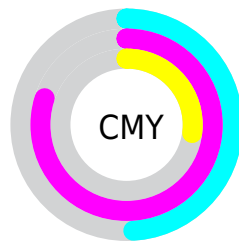


Cyan (30%)

Magenta (72%)

Yellow (0%)

Black (27%)



Cyan (49%)

Magenta (80%)


Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8134B9 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 8134B9 by changing the saturation by 10% instead.



 8134B9

 8134B9

FFFFFF

 65169E

 BA69F2

 490083

 D784FF

 2C0069

 F59FFF

 100050

 FFBBFF

 000038


 FFD8FF


 000221

 FFF5FF

 000007

 000000

 8134B9

 8134B9

■ 7922B9

■ 8947B9

■ 710FB9

■ 9159B9

■ 6B00B9

■ 986CB9

■ A07EB9

■ A891B9

■ B0A3B9

■ B8B6B9

■ BFC8B9

■ C7DBB9

# Harmonies

## Analogous

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



005ADB



8134B9



BA007F

# Triad

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



8134B9



8B4C00



00757B

# Complementary

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



8134B9



6CB934

# 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.



007337



8134B9



536300

# Square

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



8134B9



B41F00



006E00



0074B7

# Rectangle

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



8134B9



C60055



006E00



007465



# Sweetspot

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



8134B9



D9BBF0



346EB9



6B5978



F7F7F7



787878



# Same Dimension

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



8134B9



9922F0



B934B0



58535C



5A009C



10001C



# Inverse Universe

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



B9346C



F02278



34B93D



5C5356



9C0041

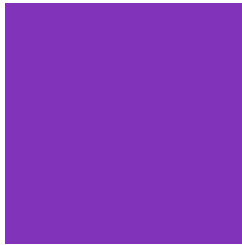


1C000C



# Previews

## White Background



This preview shows how the Hex color 8134B9 looks on a white background.

## Color Contrast Check

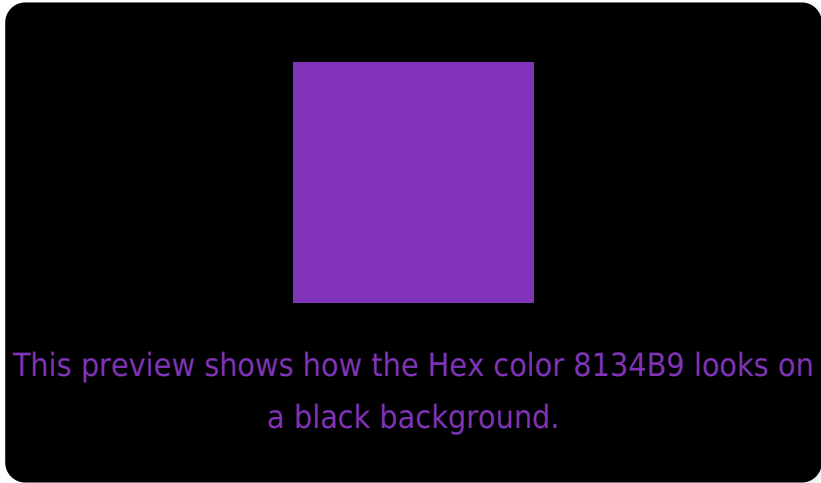
Large Text (above 18pt) WCAG AA ✓ Pass

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

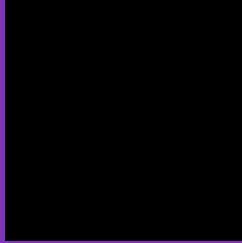
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8134B9 Background



This preview shows how black text looks on a background with the Hex color 8134B9.



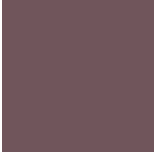
This preview shows how white text looks on a background with the Hex color 8134B9.

# 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**  
70555B

# Trichromacy



**Original Color**  
8134B9



**Protanomaly**  
2F4CBB



**Deuteranomaly**  
2F4FAC



**Tritanomaly**  
76497D

# Monochromacy



**Original Color**  
8134B9



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
684C7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8134B9 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 #8134B9 looks like.

```
.text, #text, p{  
    color:#8134B9  
}
```

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 #8134B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8134B9
}
```

## Border

The CSS property to change the border of an element to Hex 8134B9 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
#8134B9 }
```

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

```
.border{ border-color:#8134B9 }
```

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

Here you see how a box with a 4 pixel #8134B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8134B9; -webkit-box-shadow:4px 4px  
4px 4px #8134B9; box-shadow:4px 4px 4px  
4px #8134B9 }
```

# Background

The CSS property to change the background color of an element to Hex 8134B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8134B9 }
```

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

```
.background{ background-color:#8134B9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor