

# Converting Colors

Hex(84158C)

Have a look what the booklet for  
Hex(84158C) contains.

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**Color**

**Hex(84158C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	84158C
RGB	132, 21, 140
RGB Percent	52%, 8%, 55%
CMY	0.4824, 0.9176, 0.4510
CMYK	0.06, 0.85, 0.00, 0.45
HSL	296°, 74%, 32%
HSV	296°, 85%, 55%
XYZ	14.5175, 7.3353, 25.4616
YIQ	67.7550, 27.9570, 60.5410

# Conversions

## Conversions Part 2

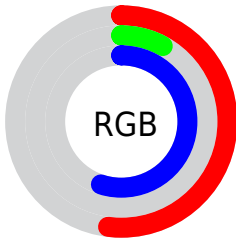
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 21, 140
Decimal	8656268
CIE <sub>Lab</sub>	32.56, 57.97, -39.50
CIE <sub>LCh</sub>	33, 70.145, 325.732
Yxy	7.3353, 0.3068, 0.1550
Android (android.graphics.Color)	4286846348 (0xFF84158C)
<b>YUV</b>	67.7550, 35.6168, 56.3429
Hunter-Lab	27.0838, 48.2833, -36.7803

# Details

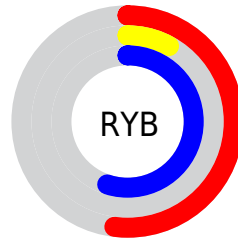
The Hex color **84158C** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **1D8C15**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **BC52C2**, and **4E0059** is the 20% darker color. If you saturate the color by 10%, you get **83078C**, and if you desaturate by 10%, it is **85238C**.

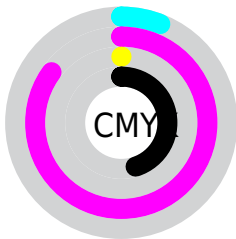
# Distribution



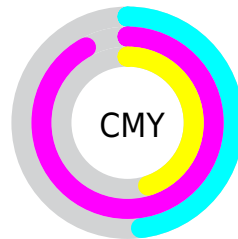
- Red (52%)
- Green (8%)
- Blue (55%)



- Red (52%)
- Yellow (8%)
- Blue (55%)



- Cyan (6%)
- Magenta (85%)
- Yellow (0%)
- Black (45%)



- Cyan (48%)
- Magenta (92%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84158C 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 84158C by changing the saturation by 10% instead.



84158C

84158C

FFFFFF

690072

BC52C2

4E0059

D96DDE

350041

F789FB

19002A

FFA4FF

000114

FFC1FF

000000

FFDEFF

FFFBFF

84158C

84158C

■ 83078C

■ 85238C

■ 83008C

■ 86318C

■ 873F8C

■ 884D8C

■ 895B8C

■ 8A698C

■ 8B778C

■ 8C858C

■ 8C938C

# Harmonies

## Analogous

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



1C42B2



84158C



A50057

# Triad

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



84158C



654800



00627C

# Complementary

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



84158C



1D8C15

# 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.



006143



84158C



2F5700

# Square

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



84158C



8D2B00



005E00



0060A9

# Rectangle

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



84158C



A80033



005E00



006269



# Sweetspot

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



84158C



B286B5



151F8C



5A3F5C



DBDBDB



5C5C5C



# Same Dimension

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



84158C



A900B5



8C155A



443E45



7C0085



050005



# Inverse Universe

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



8C151D



B5000C



158C47



453E3E



850009



050000



# Previews

## White Background



This preview shows how the Hex color 84158C looks on a white background.

## Color Contrast Check

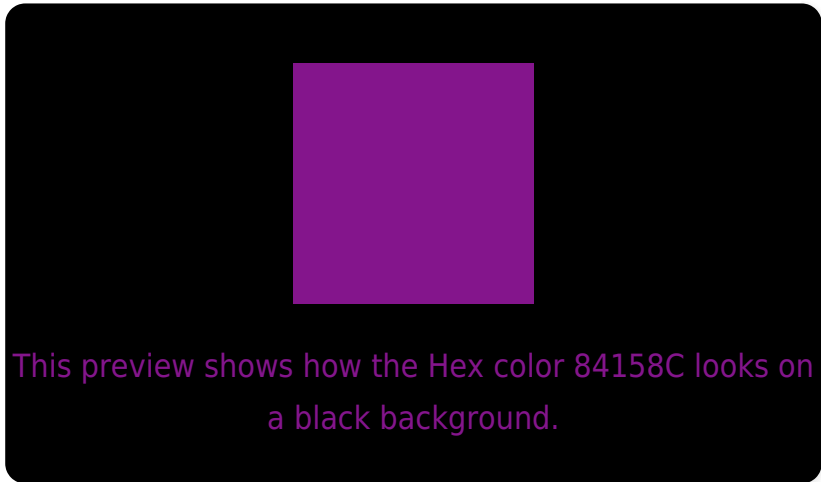
Large Text (above 18pt) WCAG AA ✓ Pass

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

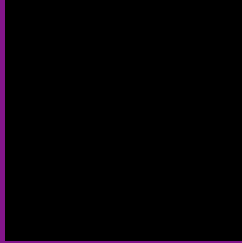
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 84158C Background



This preview shows how black text looks on a background with the Hex color 84158C.

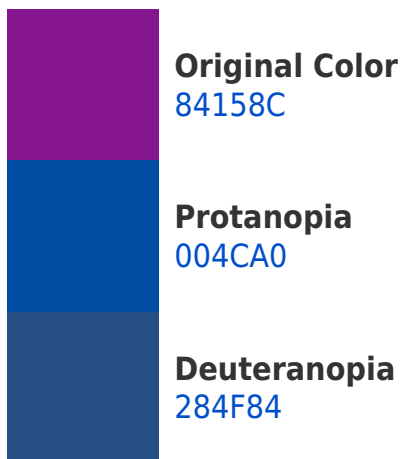



This preview shows how white text looks on a background with the Hex color 84158C.

# 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](#).

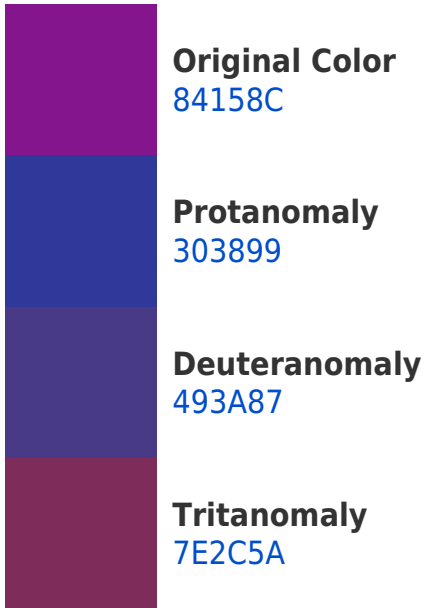
## Dichromacy



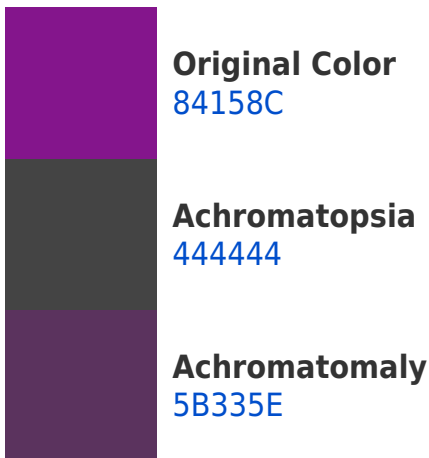


**Tritanopia**  
7B393D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84158C 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 #84158C looks like.

```
.text, #text, p{  
    color:#84158C  
}
```

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 #84158C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84158C
}
```

## Border

The CSS property to change the border of an element to Hex 84158C is called "border". The border property can be set on classes, ids or directly on the HTML element.

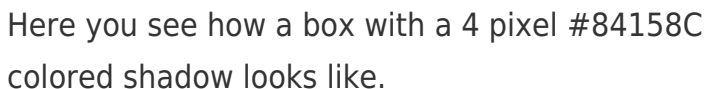
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#84158C }
```

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

```
.border{ border-color:#84158C }
```

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



Here you see how a box with a 4 pixel #84158C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84158C; -webkit-box-shadow:4px 4px  
4px 4px #84158C; box-shadow:4px 4px 4px  
4px #84158C }
```

# Background

The CSS property to change the background color of an element to Hex 84158C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84158C }
```

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

```
.background{ background-color:#84158C }
```

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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