

Converting Colors

Hex(8A158E)

Have a look what the booklet for
Hex(8A158E) contains.

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Color

Hex(8A158E)

Conversions

Conversions Part 1

Format	Color
Hex	8A158E
RGB	138, 21, 142
RGB Percent	54%, 8%, 56%
CMY	0.4588, 0.9176, 0.4431
CMYK	0.03, 0.85, 0.00, 0.44
HSL	298°, 74%, 32%
HSV	298°, 85%, 56%
XYZ	15.6319, 7.8926, 26.2907
YIQ	69.7770, 30.8910, 62.4350

Conversions

Conversions Part 2

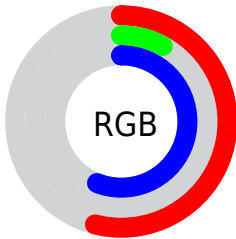
Format	Color
R_{YB}	138, 21, 142
Decimal	9049486
CIE _{Lab}	33.76, 59.47, -38.75
CIE _{LCh}	34, 70.980, 326.911
Yxy	7.8926, 0.3138, 0.1584
Android (android.graphics.Color)	4287239566 (0xFF8A158E)
YUV	69.7770, 35.6059, 59.8316
Hunter-Lab	28.0938, 50.1565, -35.8191

Details

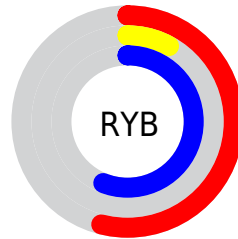
The Hex color **8A158E** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **198E15**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **C353C4**, and **53005B** is the 20% darker color. If you saturate the color by 10%, you get **8A078E**, and if you desaturate by 10%, it is **8A238E**.

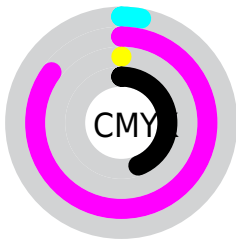
Distribution



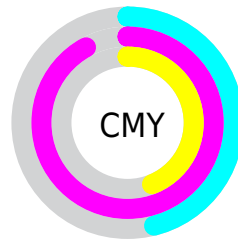
- Red (54%)
- Green (8%)
- Blue (56%)



- Red (54%)
- Yellow (8%)
- Blue (56%)



- Cyan (3%)
- Magenta (85%)
- Yellow (0%)
- Black (44%)



- Cyan (46%)
- Magenta (92%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A158E 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 8A158E by changing the saturation by 10% instead.

8A158E

8A158E

FFFFFF

6E0074

C353C4

53005B

E06FE1

3A0043

FE8AFD

20002C

FFA6FF

000116

FFC3FF

000000

FFE0FF

FFFDFF

8A158E

8A158E

■ 8A078E

■ 8A238E

■ 89008E

■ 8B318E

■ 8B408E

■ 8C4E8E

■ 8C5C8E

■ 8D6A8E

■ 8D788E

■ 8E878E

■ 8E958E

Harmonies

Analogous

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



2A43B6



8A158E



AA0058

Triad

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



8A158E



674C00



006681

Complementary

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



8A158E



198E15

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.



006548



8A158E



2F5A00

Square

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



8A158E



902F00



006201



0063AF

Rectangle

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



8A158E



AC0033



006201



00666F

Sweetspot

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



8A158E



B688B8



15198E



5B3F5C



DBDBDB



5C5C5C

Same Dimension

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



8A158E



B200B8



8E1556



474047



830087



070008

Inverse Universe

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



8E1519



B80006



158E4D



474040



870004



080000

Previews

White Background



This preview shows how the Hex color 8A158E looks on a white background.

Color Contrast Check

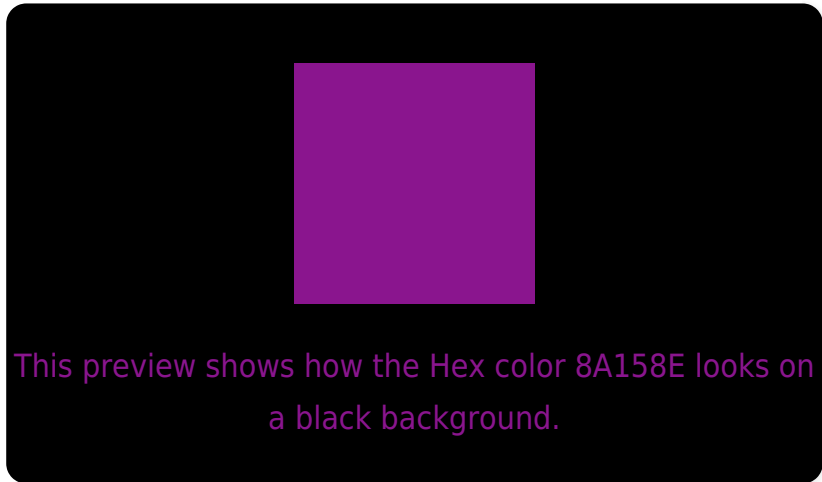
Large Text (above 18pt) WCAG AA ✓ Pass

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

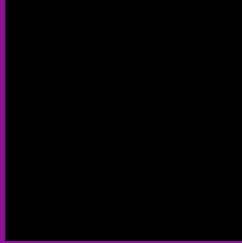
Any Text WCAG AA × Fail

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 8A158E Background



This preview shows how black text looks on a background with the Hex color 8A158E.



This preview shows how white text looks on a background with the Hex color 8A158E.

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



Original Color
8A158E

Protanopia
004EA6

Deuteranopia
2F5286



Tritanopia
813A3E

Trichromacy



Original Color
8A158E



Protanomaly
32399D



Deuteranomaly
503C89



Tritanomaly
842D5B

Monochromacy



Original Color
8A158E



Achromatopsia
464646



Achromatomaly
5F3460

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A158E 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 #8A158E looks like.

```
.text, #text, p{  
    color:#8A158E  
}
```

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 #8A158E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A158E
}
```

Border

The CSS property to change the border of an element to Hex 8A158E is called "border". The border property can be set on classes, ids or directly on the HTML element.

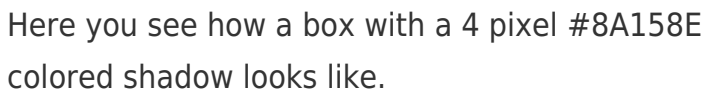
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A158E }
```

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

```
.border{ border-color:#8A158E }
```

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



Here you see how a box with a 4 pixel #8A158E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A158E; -webkit-box-shadow:4px 4px  
4px 4px #8A158E; box-shadow:4px 4px 4px  
4px #8A158E }
```

Background

The CSS property to change the background color of an element to Hex 8A158E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A158E }
```

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

```
.background{ background-color:#8A158E }
```

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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