

Converting Colors

Hex(864195)

Have a look what the booklet for
Hex(864195) contains.

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Color

Hex(864195)

Conversions

Conversions Part 1

Format	Color
Hex	864195
RGB	134, 65, 149
RGB Percent	53%, 25%, 58%
CMY	0.4745, 0.7451, 0.4157
CMYK	0.10, 0.56, 0.00, 0.42
HSL	289°, 39%, 42%
HSV	289°, 56%, 58%
XYZ	17.1466, 11.0189, 29.6569
YIQ	95.2070, 14.1600, 40.7520

Conversions

Conversions Part 2

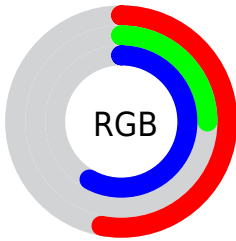
Format	Color
R_{YB}	134, 65, 149
Decimal	8798613
CIE _{Lab}	39.61, 42.81, -33.76
CIE _{LCh}	40, 54.523, 321.742
Yxy	11.0189, 0.2965, 0.1906
Android (android.graphics.Color)	4286988693 (0xFF864195)
YUV	95.2070, 26.5199, 34.0215
Hunter-Lab	33.1947, 34.1131, -29.7348

Details

The Hex color **864195** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **509541**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **BD74CC**, and **520B62** is the 20% darker color. If you saturate the color by 10%, you get **833295**, and if you desaturate by 10%, it is **895095**.

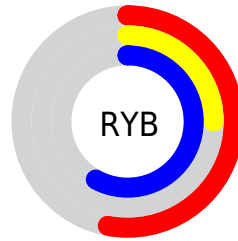
Distribution



Red (53%)

Green (25%)

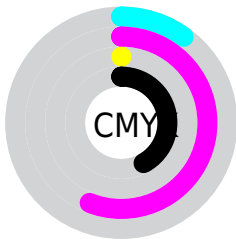
Blue (58%)



Red (53%)

Yellow (25%)

Blue (58%)

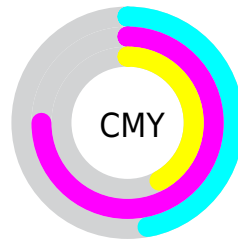


Cyan (10%)

Magenta (56%)

Yellow (0%)

Black (42%)



Cyan (47%)

Magenta (75%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 864195 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 864195 by changing the saturation by 10% instead.

 864195

 864195

FFFFFF

 6B287B

 BD74CC

 520B62

 DA8FE8

 380049

 F7AAFF

 240033

 FFC6FF

 00021C

 FFE2FF


 000000

 864195

 864195

 833295

 895095

 812395

 8B5F95

 7E1495

 8E6E95

 7B0595

 917D95

 7A0095

 938B95

 969A95

 99A995

 9BB895

 9EC795

Harmonies

Analogous

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



3F57B1



864195



A62D6C

Triad

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



864195



7B5700



00717D

Complementary

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



864195



509541

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.



00704F



864195



526500

Square

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



864195



9A4315



086D21



006EA3

Rectangle

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



864195



AB2B4E



086D21



00716E

Sweetspot

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



864195



BCA1C2



415095



5D4E61



E0E0E0



616161

Same Dimension

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



864195



AA3EC2



95417A



49434A



71008A



08000A

Inverse Universe

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



954150



C23E56



41955C



4A4344



8A0019



0A0002

Previews

White Background



This preview shows how the Hex color 864195 looks on a white background.

Color Contrast Check

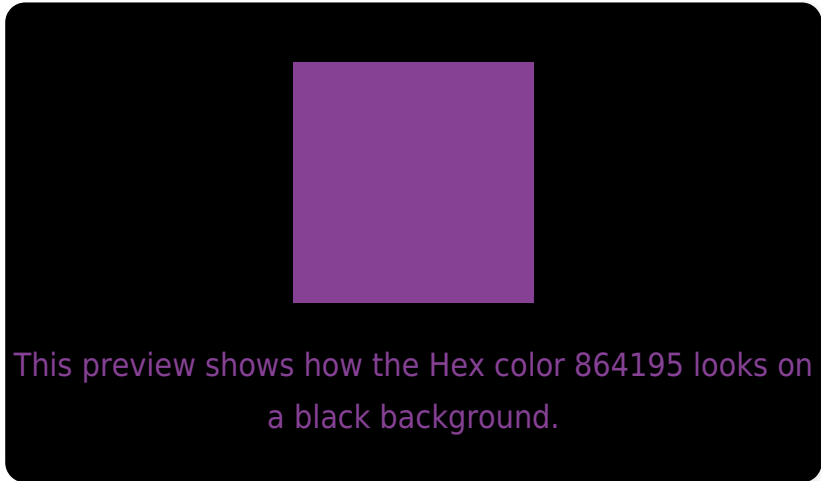
Large Text (above 18pt) WCAG AA ✓ Pass

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

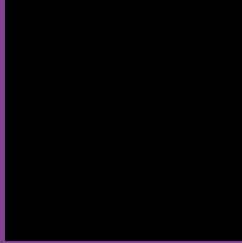
Any Text WCAG AA × Fail

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 864195 Background



This preview shows how black text looks on a background with the Hex color 864195.

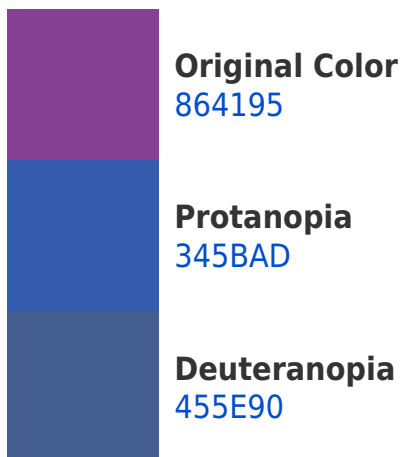


This preview shows how white text looks on a background with the Hex color 864195.

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
7E5157

Trichromacy



Original Color
864195



Protanomaly
5252A4



Deuteranomaly
5D5392



Tritanomaly
814B6E

Monochromacy



Original Color
864195



Achromatopsia
5F5F5F



Achromatomaly
6D5473

CSS Examples

Text

The CSS property to change the color of the text to Hex 864195 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 #864195 looks like.

```
.text, #text, p{  
  color:#864195  
}
```

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 #864195 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #864195
}
```

Border

The CSS property to change the border of an element to Hex 864195 is called "border". The border property can be set on classes, ids or directly on the HTML element.

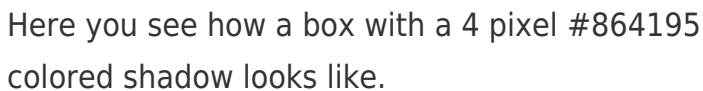
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#864195 }
```

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

```
.border{ border-color:#864195 }
```

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



Here you see how a box with a 4 pixel #864195 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #864195; -webkit-box-shadow:4px 4px  
4px 4px #864195; box-shadow:4px 4px 4px  
4px #864195 }
```

Background

The CSS property to change the background color of an element to Hex 864195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#864195 }
```

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

```
.background{ background-color:#864195 }
```

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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