

# Converting Colors

Hex(815190)

Have a look what the booklet for  
Hex(815190) contains.

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# Color

**Hex(815190)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 815190                    |
| RGB         | 129, 81, 144              |
| RGB Percent | 51%, 32%, 56%             |
| CMY         | 0.4941, 0.6824, 0.4353    |
| CMYK        | 0.10, 0.44, 0.00, 0.44    |
| HSL         | 286°, 28%, 44%            |
| HSV         | 286°, 44%, 56%            |
| XYZ         | 17.0297, 12.5656, 27.9134 |
| YIQ         | 102.5340, 8.3850, 29.7690 |

# Conversions

## Conversions Part 2

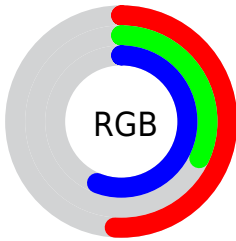
| <b>Format</b>                       | <b>Color</b>                                |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">129, 81, 144</a>                |
| Decimal                             | <a href="#">8475024</a>                     |
| CIELab                              | <a href="#">42.10, 31.44, -26.88</a>        |
| CIElCh                              | <a href="#">42, 41.363, 319.474</a>         |
| Yxy                                 | <a href="#">12.5656, 0.2961, 0.2185</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4286665104<br/>(0xFF815190)</a> |
| YUV                                 | <a href="#">102.5340, 20.4427, 23.2107</a>  |
| Hunter-Lab                          | <a href="#">35.4480, 23.7200, -21.8741</a>  |

# Details

The Hex color **815190** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **609051**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **B784C6**, and **4E225D** is the 20% darker color. If you saturate the color by 10%, you get **7E4390**, and if you desaturate by 10%, it is **845F90**.

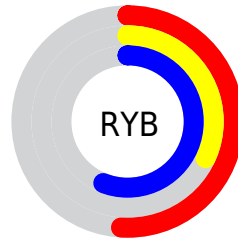
# Distribution



Red (51%)

Green (32%)

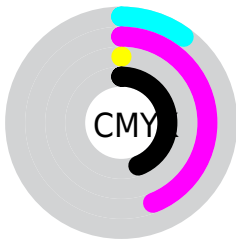
Blue (56%)



Red (51%)

Yellow (32%)

Blue (56%)

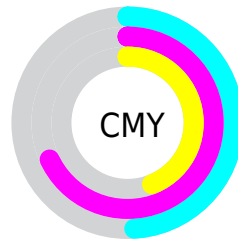


Cyan (10%)

Magenta (44%)

Yellow (0%)

Black (44%)



Cyan (49%)

Magenta (68%)


Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 815190 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 815190 by changing the saturation by 10% instead.



 815190

 815190

FFFFFF

 673976

 B784C6

 4E225D

 D39EE2

 360A45

 F0B9FF


 21002F

 FFD5FF

 000119

 FFF2FF

 000000

 815190

 815190

 7E4390

 845F90

 7A3490

 886E90

772690

8B7C90

731790

8F8B90

700990

929990

6E0090

96A790

99B690

9CC490

A0D390

# Harmonies

## Analogous

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



4F5FA4



815190



9B4671

# Triad

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



815190



805D1D



007479

# Complementary

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



815190



609051

# 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.



007356



815190



60681E

# Square

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



815190



975030



387035



007196

# Rectangle

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



815190



A2445A



387035



00746D



# Sweetspot

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



815190



B4A2BA



516190



5B4F5E



DEDEDE



5E5E5E



# Same Dimension

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



815190



A357BA



905180



464047



670087



060008



# Inverse Universe

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



905160



BA576F



519061



474042



870020

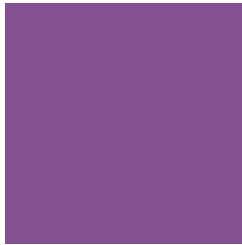


080002



# Previews

## White Background



This preview shows how the Hex color 815190 looks on a white background.

## Color Contrast Check

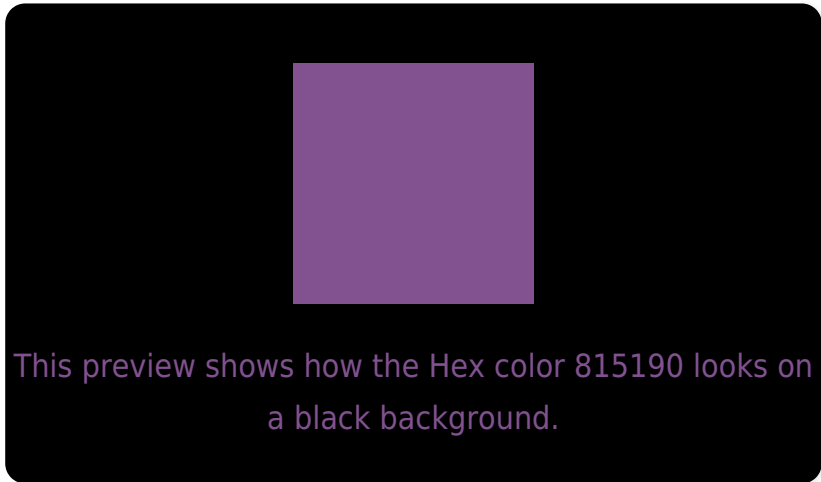
Large Text (above 18pt) WCAG AA ✓ Pass

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

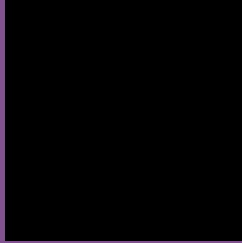
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 815190 Background



This preview shows how black text looks on a background with the Hex color 815190.

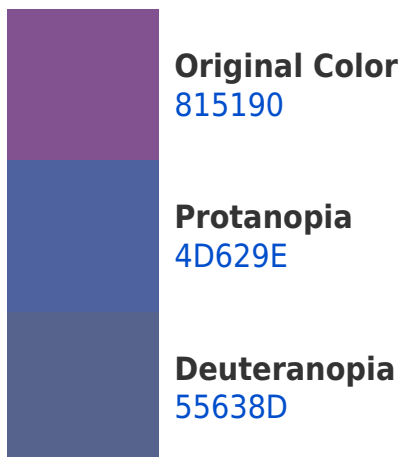



This preview shows how white text looks on a background with the Hex color 815190.

# 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**  
7A5B62

# Trichromacy



**Original Color**  
815190

**Protanomaly**  
605C99

**Deuteranomaly**  
655C8E

**Tritanomaly**  
7D5773

# Monochromacy



**Original Color**  
815190

**Achromatopsia**  
676767

**Achromatomaly**  
705F76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 815190 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 #815190 looks like.

```
.text, #text, p{  
    color:#815190  
}
```

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 #815190 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #815190
}
```

## Border

The CSS property to change the border of an element to Hex 815190 is called "border". The border property can be set on classes, ids or directly on the HTML element.

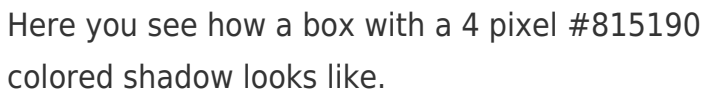
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#815190 }
```

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

```
.border{ border-color:#815190 }
```

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



Here you see how a box with a 4 pixel #815190 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #815190; -webkit-box-shadow:4px 4px  
4px 4px #815190; box-shadow:4px 4px 4px  
4px #815190 }
```

# Background

The CSS property to change the background color of an element to Hex 815190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#815190 }
```

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

```
.background{ background-color:#815190 }
```

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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