

# Converting Colors

Hex(804190)

Have a look what the booklet for  
Hex(804190) contains.

<b>Hex(804190)</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(804190)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	804190
RGB	128, 65, 144
RGB Percent	50%, 25%, 56%
CMY	0.4980, 0.7451, 0.4353
CMYK	0.11, 0.55, 0.00, 0.44
HSL	288°, 38%, 41%
HSV	288°, 55%, 56%
XYZ	15.8264, 10.3834, 27.5556
YIQ	92.8430, 12.1890, 37.9250

# Conversions

## Conversions Part 2

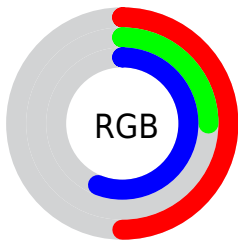
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	128, 65, 144
Decimal	8405392
CIE Lab	38.52, 40.07, -32.50
CIE LCh	39, 51.593, 320.950
Yxy	10.3834, 0.2944, 0.1931
Android (android.graphics.Color)	4286595472 (0xFF804190)
YUV	92.8430, 25.2204, 30.8327
Hunter-Lab	32.2233, 31.2793, -28.1453

# Details

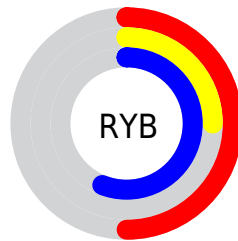
The Hex color **804190** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **519041**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **B774C6**, and **4C0E5D** is the 20% darker color. If you saturate the color by 10%, you get **7D3390**, and if you desaturate by 10%, it is **834F90**.

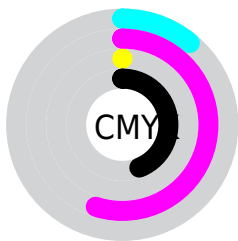
# Distribution



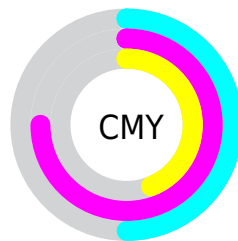
- Red (50%)
- Green (25%)
- Blue (56%)



- Red (50%)
- Yellow (25%)
- Blue (56%)



- Cyan (11%)
- Magenta (55%)
- Yellow (0%)
- Black (44%)



- Cyan (50%)
- Magenta (75%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 804190 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 804190 by changing the saturation by 10% instead.



 804190

 804190

FFFFFF

 662876

 B774C6

 4C0E5D

 D38EE2

 330045

 F0A9FF

 1F002E

 FFC5FF

 000118

 FFE1FF

 000000

FFFEFF

 804190

 804190

 7D3390

 834F90

7A2490

865E90

771690

896C90

740790

8C7B90

730090

8F8990

919790

94A690

97B490

9AC390

# Harmonies

## Analogous

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



3D55A9



804190



9F2F69

# Triad

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



804190



785400



006E78

# Complementary

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



804190



519041

# 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.



006D4C



804190



526100

# Square

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



804190



954219



146921



006B9B

# Rectangle

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



804190



A52D4D



146921



006E69



# Sweetspot

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



804190



B49CBA



415290



5B4C5E



DEDEDE



5E5E5E



# Same Dimension

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



804190



A13FBA



90417A



464047



6C0087



060008



# Inverse Universe

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



904151



BA3F58



419057



474042



87001B

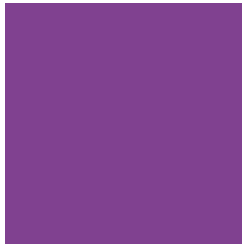


080002



# Previews

## White Background



This preview shows how the Hex color 804190 looks on a white background.

## Color Contrast Check

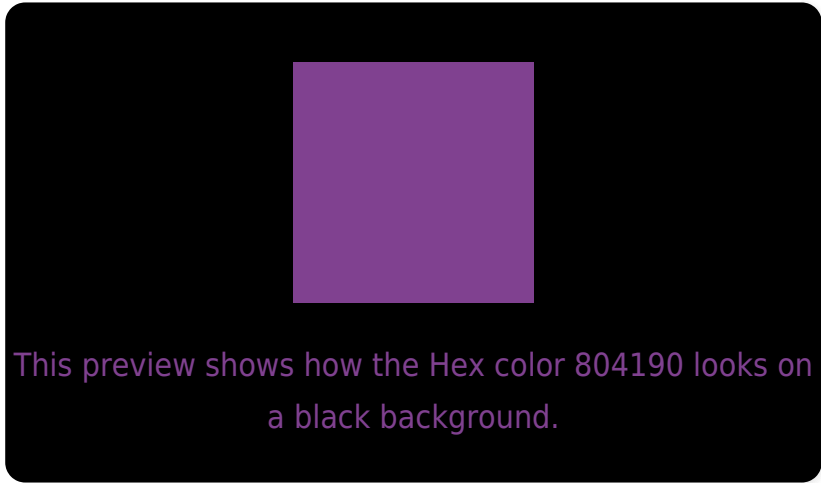
Large Text (above 18pt) WCAG AA ✓ Pass

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

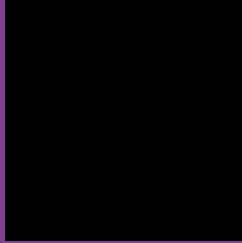
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 804190 Background



This preview shows how black text looks on a background with the Hex color 804190.

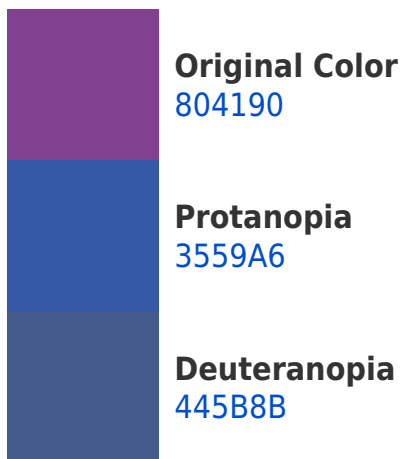


This preview shows how white text looks on a background with the Hex color 804190.

# 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](#).

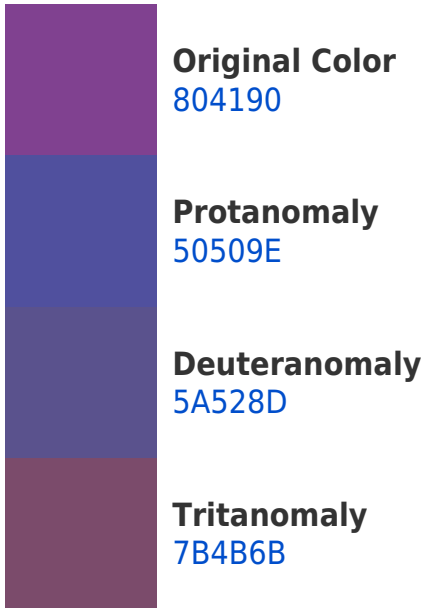
## Dichromacy



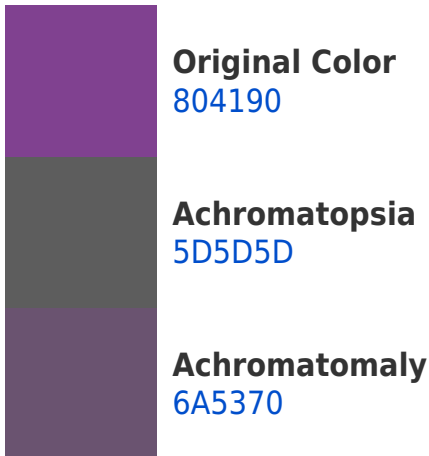


**Tritanopia**  
785056

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 804190 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 #804190 looks like.

```
.text, #text, p{  
    color:#804190  
}
```

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 #804190 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #804190
}
```

## Border

The CSS property to change the border of an element to Hex 804190 is called "border". The border property can be set on classes, ids or directly on the HTML element.

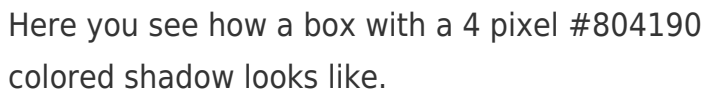
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#804190 }
```

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

```
.border{ border-color:#804190 }
```

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



Here you see how a box with a 4 pixel #804190 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #804190; -webkit-box-shadow:4px 4px  
4px 4px #804190; box-shadow:4px 4px 4px  
4px #804190 }
```

# Background

The CSS property to change the background color of an element to Hex 804190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#804190 }
```

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

```
.background{ background-color:#804190 }
```

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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