

# Converting Colors

Hex(844184)

Have a look what the booklet for  
Hex(844184) contains.

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# Color

**Hex(844184)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	844184
RGB	132, 65, 132
RGB Percent	52%, 25%, 52%
CMY	0.4824, 0.7451, 0.4824
CMYK	0.00, 0.51, 0.00, 0.48
HSL	300°, 34%, 39%
HSV	300°, 51%, 52%
XYZ	15.5709, 10.3521, 23.0073
YIQ	92.6710, 18.4250, 35.0410

# Conversions

## Conversions Part 2

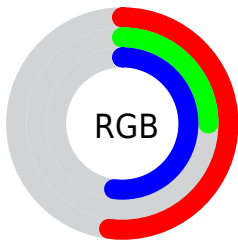
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 65, 132
Decimal	8667524
CIE <sub>Lab</sub>	38.47, 38.81, -25.22
CIE <sub>LCh</sub>	38, 46.286, 326.991
Yxy	10.3521, 0.3182, 0.2116
Android (android.graphics.Color)	4286857604 (0xFF844184)
YUV	92.6710, 19.3892, 34.4915
Hunter-Lab	32.1746, 30.0792, -19.8745

# Details

The Hex color **844184** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **418441**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **BB74B9**, and **500D52** is the 20% darker color. If you saturate the color by 10%, you get **843484**, and if you desaturate by 10%, it is **844E84**.

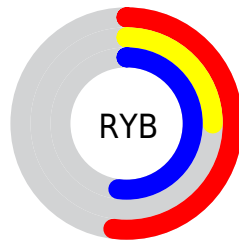
# Distribution



Red (52%)

Green (25%)

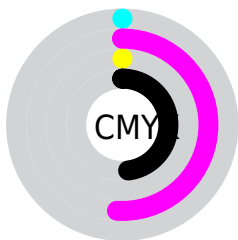
Blue (52%)



Red (52%)

Yellow (25%)

Blue (52%)

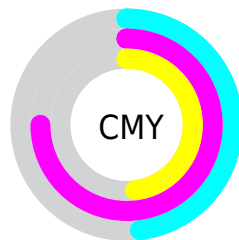


Cyan (0%)

Magenta (51%)

Yellow (0%)

Black (48%)



Cyan (48%)

Magenta (75%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 844184 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 844184 by changing the saturation by 10% instead.



844184

844184

FFFFFF

6A286B

BB74B9

500D52

D78ED5

37003B

F4A9F2

230025

FFC5FF

00010D

FFE1FF

000000

FFFEFF

844184

844184

843484

844E84

 842784

 845B84

 841984

 846984

 840C84

 847684

 840084

 848384

 849084

 849D84

 84AB84

 84B884

# Harmonies

## Analogous

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



53529E



844184



9B3560

# Triad

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



844184



705800



006C7C

# Complementary

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



844184



418441

# 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.



006C55



844184



4C620D

# Square

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



844184



8C481A



0E692F



006899

# Rectangle

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



844184



9E3647



0E692F



006C6F



# Sweetspot

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



844184



AB91AB



414184



574757



D6D6D6



575757



# Same Dimension

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



844184



AB43AB



844162



423C42



820082



030003



# Inverse Universe

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



844184



AB43AB



418462



423C42



820082

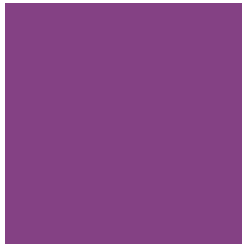


030003



# Previews

## White Background



This preview shows how the Hex color 844184 looks on a white background.

## Color Contrast Check

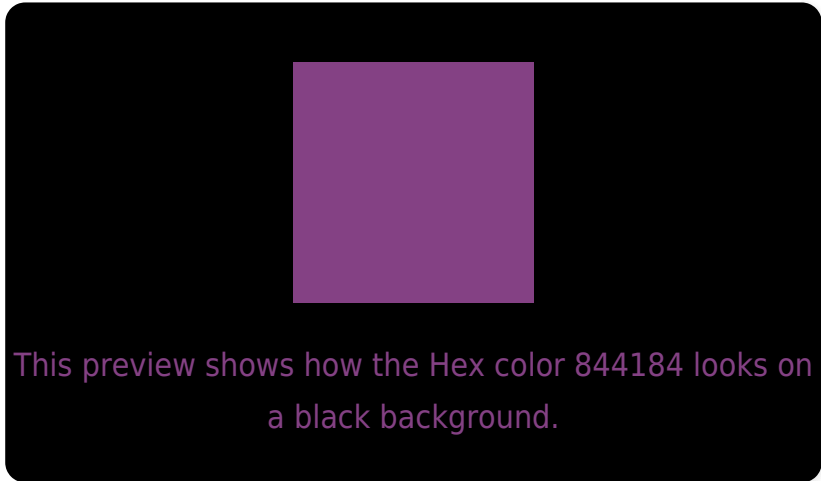
Large Text (above 18pt) WCAG AA ✓ Pass

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

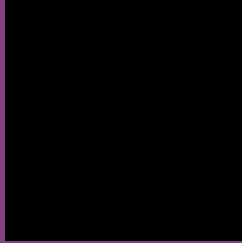
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 844184 Background



This preview shows how black text looks on a background with the Hex color 844184.



This preview shows how white text looks on a background with the Hex color 844184.

# 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**  
844184

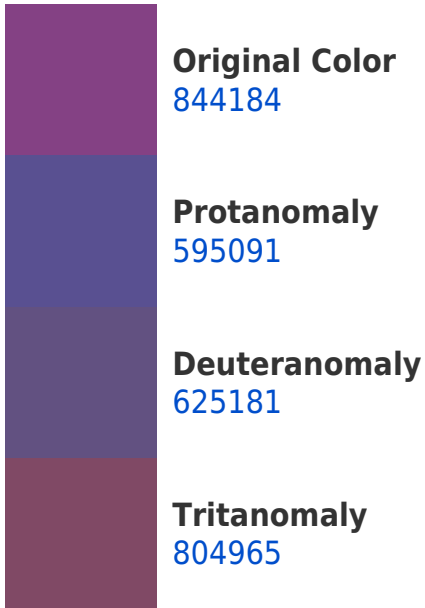
**Protanopia**  
415999

**Deuteranopia**  
4F5A80

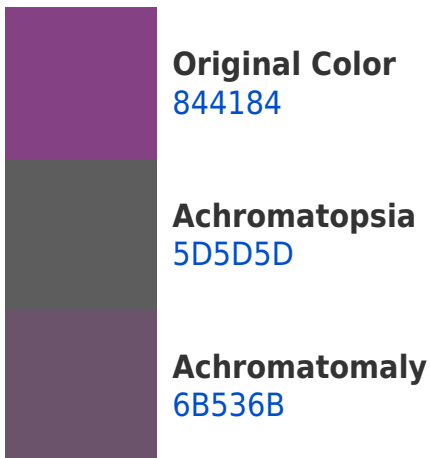


**Tritanopia**  
7E4D53

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 844184 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 #844184 looks like.

```
.text, #text, p{  
    color:#844184  
}
```

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 #844184 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #844184
}
```

## Border

The CSS property to change the border of an element to Hex 844184 is called "border". The border property can be set on classes, ids or directly on the HTML element.

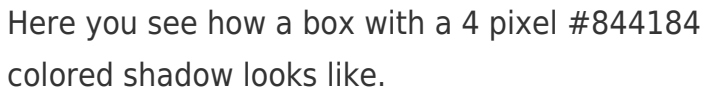
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#844184 }
```

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

```
.border{ border-color:#844184 }
```

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



Here you see how a box with a 4 pixel #844184 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #844184; -webkit-box-shadow:4px 4px  
4px 4px #844184; box-shadow:4px 4px 4px  
4px #844184 }
```

# Background

The CSS property to change the background color of an element to Hex 844184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#844184 }
```

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

```
.background{ background-color:#844184 }
```

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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