

# Converting Colors

Hex(844BC5)

Have a look what the booklet for  
Hex(844BC5) contains.

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# Color

**Hex(844BC5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	844BC5
RGB	132, 75, 197
RGB Percent	52%, 29%, 77%
CMY	0.4824, 0.7059, 0.2275
CMYK	0.33, 0.62, 0.00, 0.23
HSL	268°, 51%, 53%
HSV	268°, 62%, 77%
XYZ	22.1098, 13.9689, 54.3543
YIQ	105.9510, -5.1900, 50.0260

# Conversions

## Conversions Part 2

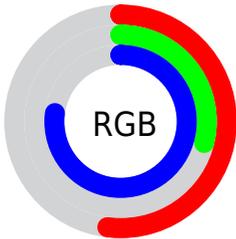
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 75, 197
Decimal	8670149
CIE <sub>Lab</sub>	44.19, 48.07, -54.88
CIE <sub>LCh</sub>	44, 72.959, 311.216
Yxy	13.9689, 0.2445, 0.1545
Android (android.graphics.Color)	4286860229 (0xFF844BC5)
YUV	105.9510, 44.8872, 22.8450
Hunter-Lab	37.3750, 40.1886, -60.0627

# Details

The Hex color **844BC5** is a dark color, and the websafe version is hex **663399**. The color can be described as middle muted purple. A complement of this color would be **8CC54B**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **BD7FFE**, and **4C188E** is the 20% darker color. If you saturate the color by 10%, you get **7A37C5**, and if you desaturate by 10%, it is **8E5FC5**.

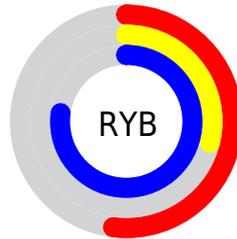
# Distribution



Red (52%)

Green (29%)

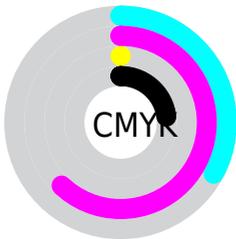
Blue (77%)



Red (52%)

Yellow (29%)

Blue (77%)

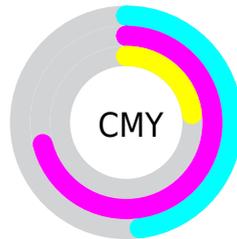


Cyan (33%)

Magenta (62%)

Yellow (0%)

Black (23%)



Cyan (48%)

Magenta (71%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 844BC5 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 844BC5 by changing the saturation by 10% instead.

844BC5

844BC5

FFFFFF

6832A9

BD7FFE

4C188E

DA99FF

300074

F7B5FF

0F005B

FFD1FF

000042

FFEEFF

00032B

000115

000000

844BC5

844BC5

 7A37C5

 8E5FC5

 6F24C5

 9972C5

 6510C5

 A386C5

 5C00C5

 AE9AC5

 B8AEC5

 C3C1C5

 CDD5C5

 D8E9C5

 E2FCC5

# Harmonies

## Analogous

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



0069E1



844BC5



BF1D91

# Triad

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



844BC5



9E5700



00827F

# Complementary

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



844BC5



8CC54B

# 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.



00803E



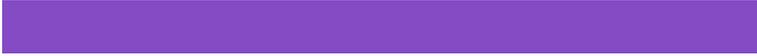
844BC5



6B6D00

# Square

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



844BC5



C23419



197A00



0081B8

# Rectangle

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



844BC5



CE0069



197A00



008169

# Sweetspot

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



844BC5



E5CFFF



4B8CC5



706280



000000



808080



# Same Dimension

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



844BC5



9A42FF



C14BC5



5E5A63



4C00A3



110024



# Inverse Universe

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



C54B8C



FF42A7



4FC54B



635A5F



A30057



240013



# Previews

## White Background



This preview shows how the Hex color 844BC5 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

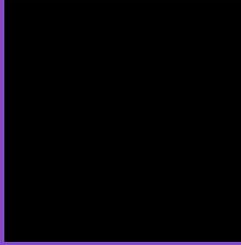
Any Text WCAG AA × Fail

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 844BC5 Background



This preview shows how black text looks on a background with the Hex color 844BC5.



This preview shows how white text looks on a background with the Hex color 844BC5.

# 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](#).

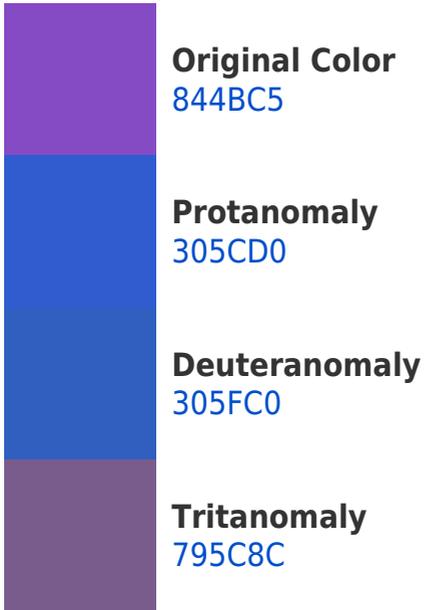
## Dichromacy





**Tritanopia**  
73656C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 844BC5 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 #844BC5 looks like.

```
.text, #text, p{  
    color:#844BC5  
}
```

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 #844BC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #844BC5
}
```

## Border

The CSS property to change the border of an element to Hex 844BC5 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
#844BC5 }
```

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

```
.border{ border-color:#844BC5 }
```

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

Here you see how a box with a 4 pixel #844BC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #844BC5; -webkit-box-shadow:4px 4px  
4px 4px #844BC5; box-shadow:4px 4px 4px  
4px #844BC5 }
```

# Background

The CSS property to change the background color of an element to Hex 844BC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#844BC5 }
```

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

```
.background{ background-color:#844BC5 }
```

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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