

# Converting Colors

Hex(8444C7)

Have a look what the booklet for  
Hex(8444C7) contains.

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**Color**

**Hex(8444C7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8444C7
RGB	132, 68, 199
RGB Percent	52%, 27%, 78%
CMY	0.4824, 0.7333, 0.2196
CMYK	0.34, 0.66, 0.00, 0.22
HSL	269°, 54%, 52%
HSV	269°, 66%, 78%
XYZ	21.8916, 13.1633, 55.4198
YIQ	102.0700, -3.9070, 54.3090

# Conversions

## Conversions Part 2

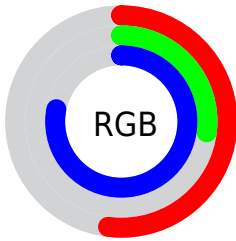
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	132, 68, 199
Decimal	8668359
CIELab	43.01, 52.14, -57.95
CIELCh	43, 77.954, 311.983
Yxy	13.1633, 0.2420, 0.1455
Android (android.graphics.Color)	4286858439 (0xFF8444C7)
YUV	102.0700, 47.7865, 26.2486
Hunter-Lab	36.2813, 44.2124, -65.1689

# Details

The Hex color **8444C7** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **87C744**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **BD78FF**, and **4C0C90** is the 20% darker color. If you saturate the color by 10%, you get **7A30C7**, and if you desaturate by 10%, it is **8E58C7**.

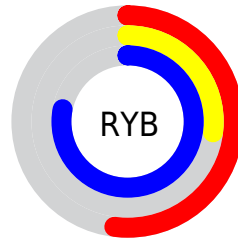
# Distribution



Red (52%)

Green (27%)

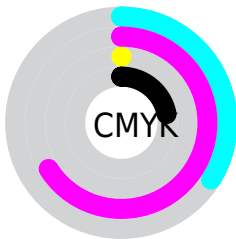
Blue (78%)



Red (52%)

Yellow (27%)

Blue (78%)

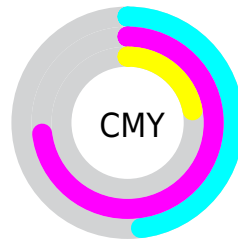


Cyan (34%)

Magenta (66%)

Yellow (0%)

Black (22%)



Cyan (48%)

Magenta (73%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8444C7 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 8444C7 by changing the saturation by 10% instead.



8444C7

8444C7

FFFFFF

682AAB

BD78FF

4C0C90

DA93FF

2E0076

F8AEFF

0C005C

FFCAFF

000044

FFE7FF

00032C

000117

000000

8444C7

8444C7

 7A30C7

 8E58C7

 701CC7

 986CC7

 6508C7

 A380C7

 6100C7

 AD94C7

 B7A8C7

 C1BBC7

 CBCFC7

 D5E3C7

 E0F7C7

# Harmonies

## Analogous

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



0066E6



8444C7



C1008F

# Triad

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



8444C7



9B5400



00807F

# Complementary

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



8444C7



87C744

# 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.



007D3A



8444C7



656B00

# Square

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



8444C7



C22A0C



007800



007FBC

# Rectangle

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



8444C7



D10064



007800



007F68



# Sweetspot

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



8444C7



E5CCFF



4488C7



706180



000000



808080



# Same Dimension

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



8444C7



9836FF



C544C7



5E5A63



5000A3



110024



# Inverse Universe

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



C74487



FF369D



46C744



635A5F



A30053

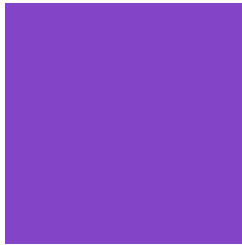


240012



# Previews

## White Background



This preview shows how the Hex color 8444C7 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

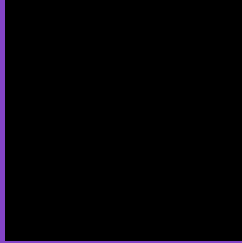
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8444C7 Background



This preview shows how black text looks on a background with the Hex color 8444C7.

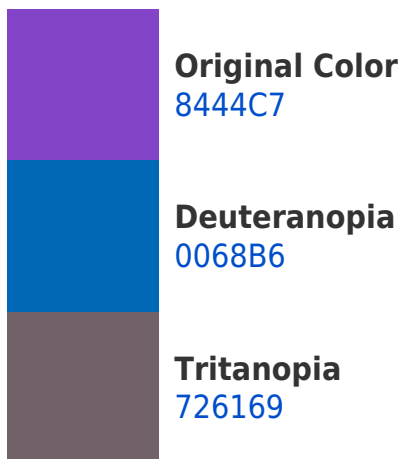


This preview shows how white text looks on a background with the Hex color 8444C7.

# 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



# Trichromacy



**Original Color**  
8444C7



**Deuteranomaly**  
305BBC

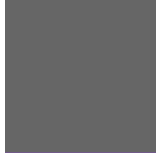


**Tritanomaly**  
79568B

# Monochromacy



**Original Color**  
8444C7



**Achromatopsia**  
666666



**Achromatomaly**  
715A89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8444C7 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 #8444C7 looks like.

```
.text, #text, p{  
    color:#8444C7  
}
```

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 #8444C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8444C7
}
```

## Border

The CSS property to change the border of an element to Hex 8444C7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

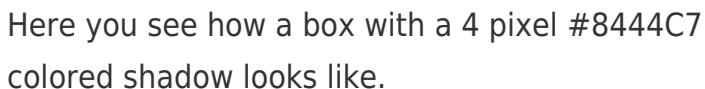
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8444C7 }
```

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

```
.border{ border-color:#8444C7 }
```

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



Here you see how a box with a 4 pixel #8444C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8444C7; -webkit-box-shadow:4px 4px  
4px 4px #8444C7; box-shadow:4px 4px 4px  
4px #8444C7 }
```

# Background

The CSS property to change the background color of an element to Hex 8444C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8444C7 }
```

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

```
.background{ background-color:#8444C7 }
```

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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