

# Converting Colors

Hex(8446BB)

Have a look what the booklet for  
Hex(8446BB) contains.

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# Color

**Hex(8446BB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8446BB
RGB	132, 70, 187
RGB Percent	52%, 27%, 73%
CMY	0.4824, 0.7255, 0.2667
CMYK	0.29, 0.63, 0.00, 0.27
HSL	272°, 46%, 50%
HSV	272°, 63%, 73%
XYZ	20.6755, 12.8737, 48.4089
YIQ	101.8760, -0.6050, 49.5310

# Conversions

## Conversions Part 2

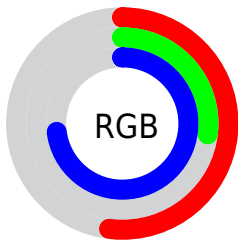
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">132, 70, 187</a>
Decimal	<a href="#">8668859</a>
CIELab	<a href="#">42.57, 48.24, -51.66</a>
CIELCh	<a href="#">43, 70.680, 313.039</a>
Yxy	<a href="#">12.8737, 0.2523, 0.1571</a>
Android (android.graphics.Color)	<a href="#">4286858939 (0xFF8446BB)</a>
YUV	<a href="#">101.8760, 41.9661, 26.4187</a>
Hunter-Lab	<a href="#">35.8799, 40.0692, -54.8775</a>

# Details

The Hex color **8446BB** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7DBB46**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **BC7AF4**, and **4D1185** is the 20% darker color. If you saturate the color by 10%, you get **7B33BB**, and if you desaturate by 10%, it is **8D59BB**.

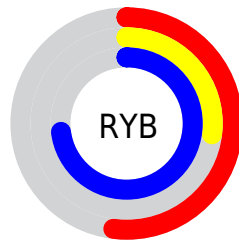
# Distribution



Red (52%)

Green (27%)

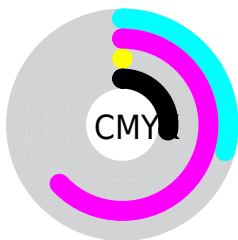
Blue (73%)



Red (52%)

Yellow (27%)

Blue (73%)

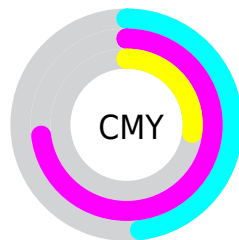


Cyan (29%)

Magenta (63%)

Yellow (0%)

Black (27%)



Cyan (48%)

Magenta (73%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8446BB 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 8446BB by changing the saturation by 10% instead.



 8446BB

 8446BB

FFFFFF

 692DA0

 BC7AF4

 4D1185

 D994FF

 32006B

 F7B0FF

 160052

 FFCCFF

 00003A

 FFE8FF

 000223

 00000B

 000000

 8446BB

 8446BB

 7B33BB

 8D59BB

 7221BB

 966BBB

 6A0EBB

 9E7EBB

 6300BB

 A791BB

 B0A3BB

 B9B6BB

 C2C9BB

 CADCBB

 D3EEBB

# Harmonies

## Analogous

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



0064D8



8446BB



B91A88

# Triad

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



8446BB



955500



007D7D

# Complementary

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



8446BB



7DBB46

# 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.



007B40



8446BB



646A00

# Square

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



8446BB



B93514



0D7500



007CB4

# Rectangle

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



8446BB



C70061



0D7500



007D69



# Sweetspot

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



8446BB



DDC4F2



467FBB



6D5E7A



FAFAFA



7A7A7A



# Same Dimension

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



8446BB



9D3DF2



BB46B9



5A555E



54009E



10001F



# Inverse Universe

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



BB467D



F23D92



46BB48



5E5559



9E004A

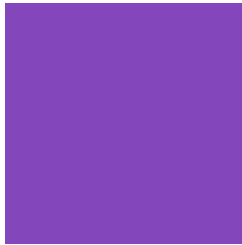


1F000E



# Previews

## White Background



This preview shows how the Hex color 8446BB looks on a white background.

## Color Contrast Check

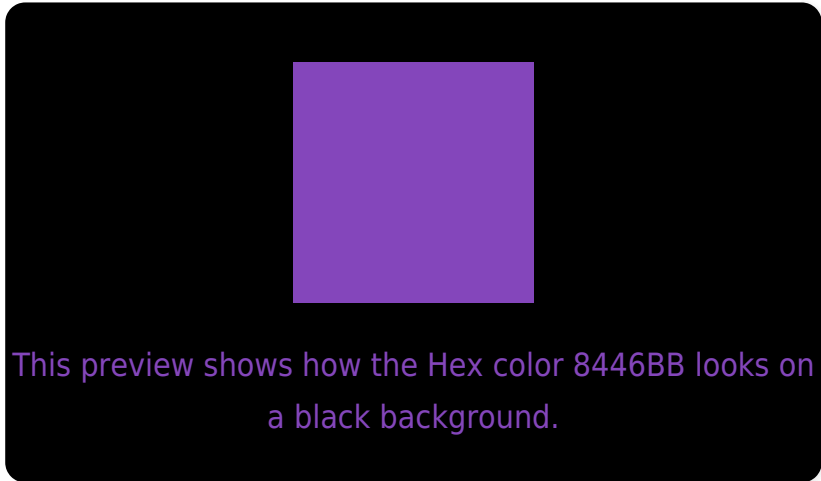
Large Text (above 18pt) WCAG AA ✓ Pass

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

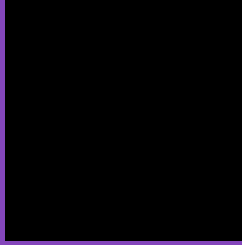
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8446BB Background



This preview shows how black text looks on a background with the Hex color 8446BB.

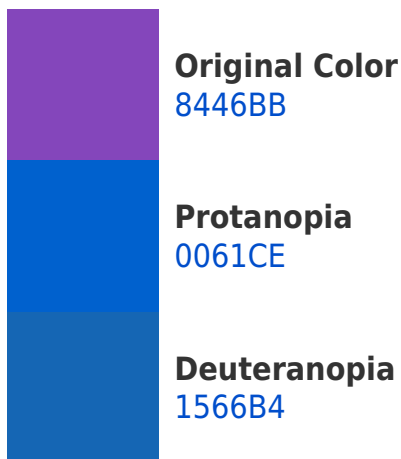


This preview shows how white text looks on a background with the Hex color 8446BB.

# 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](#).

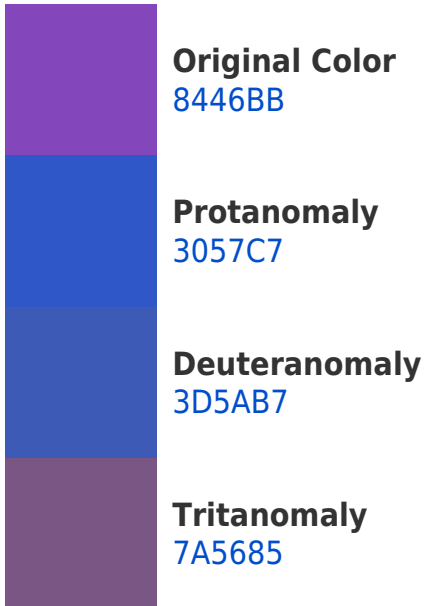
## Dichromacy



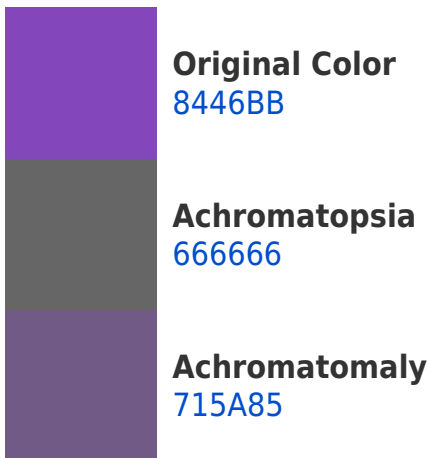


**Tritanopia**  
755F66

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8446BB 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 #8446BB looks like.

```
.text, #text, p{  
    color:#8446BB  
}
```

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 #8446BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8446BB  
}
```

## Border

The CSS property to change the border of an element to Hex 8446BB is called "border". The border property can be set on classes, ids or directly on the HTML element.

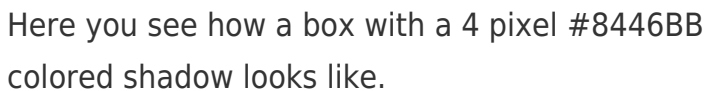
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#8446BB }
```

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

```
.border{ border-color:#8446BB }
```

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



Here you see how a box with a 4 pixel #8446BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8446BB; -webkit-box-shadow:4px 4px  
4px 4px #8446BB; box-shadow:4px 4px 4px  
4px #8446BB }
```

# Background

The CSS property to change the background color of an element to Hex 8446BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8446BB }
```

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

```
.background{ background-color:#8446BB }
```

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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