

# Converting Colors

Hex(8004BE)

Have a look what the booklet for  
Hex(8004BE) contains.

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# Color

**Hex(8004BE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8004BE
RGB	128, 4, 190
RGB Percent	50%, 2%, 75%
CMY	0.4980, 0.9843, 0.2549
CMYK	0.33, 0.98, 0.00, 0.25
HSL	280°, 96%, 38%
HSV	280°, 98%, 75%
XYZ	18.2398, 8.3937, 49.3740
YIQ	62.2800, 14.1980, 84.1340

# Conversions

## Conversions Part 2

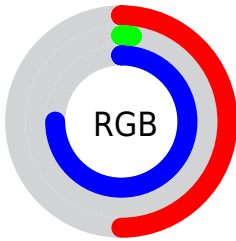
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 4, 190
Decimal	8389822
CIE <sub>Lab</sub>	34.79, 69.48, -66.09
CIE <sub>LCh</sub>	35, 95.889, 316.434
Yxy	8.3937, 0.2400, 0.1104
Android (android.graphics.Color)	4286579902 (0xFF8004BE)
YUV	62.2800, 62.9660, 57.6364
Hunter-Lab	28.9719, 61.6768, -80.7617

# Details

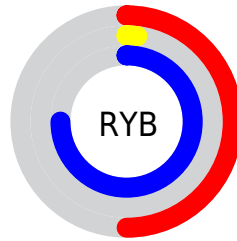
The Hex color **8004BE** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **42BE04**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **BB4EF7**, and **450087** is the 20% darker color. If you saturate the color by 10%, you get **7F00BE**, and if you desaturate by 10%, it is **8617BE**.

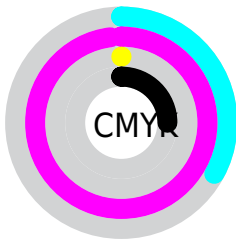
# Distribution



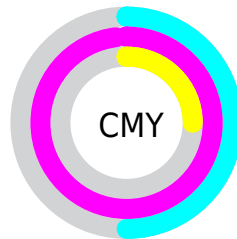
- Red (50%)
- Green (2%)
- Blue (75%)



- Red (50%)
- Yellow (2%)
- Blue (75%)



- Cyan (33%)
- Magenta (98%)
- Yellow (0%)
- Black (25%)



- Cyan (50%)
- Magenta (98%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8004BE 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 8004BE by changing the saturation by 10% instead.



 8004BE

 8004BE

FFFFFF

 6300A2

 BB4EF7

 450087

 D86BFF

 26006D


 F687FF

 000054

 FFA3FF

 00033B

 FFC0FF

 000225

 FFDDFF

 00010D

 FFFAFF

 000000

 8004BE

 8004BE

7F00BE

8617BE

8D2ABE

933DBE

9950BE

A063BE

A676BE

AC89BE

B39CBE

B9AFBE

# Harmonies

## Analogous

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



0050EA



8004BE



C00078

# Triad

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



8004BE



804200



006C7C

# Complementary

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



8004BE



42BE04

# 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.



006A2A



8004BE



3C5B00

# Square

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



8004BE



B10000



006600



006DC2

# Rectangle

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



8004BE



CC0046



006600



006C61



# Sweetspot

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



8004BE



DFB0F7



0442BE



6E517D



FCFCFC



7D7D7D



# Same Dimension

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



8004BE



A500F7



BE049F



5B555E



69009E



14001F



# Inverse Universe

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



BE0442



F70052



04BE23



5E5558



9E0035



1F000A



# Previews

## White Background



This preview shows how the Hex color 8004BE looks on a white background.

## Color Contrast Check

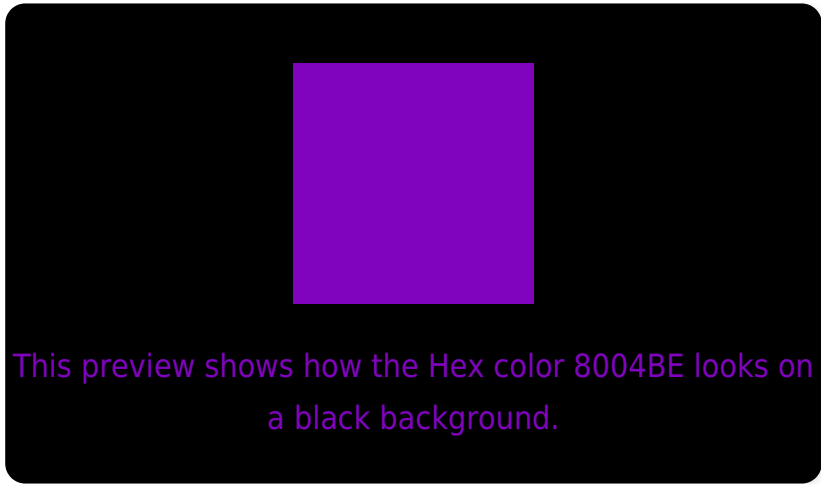
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

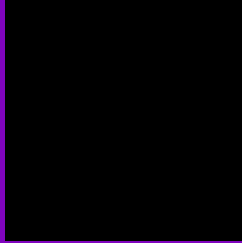
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8004BE Background



This preview shows how black text looks on a background with the Hex color 8004BE.

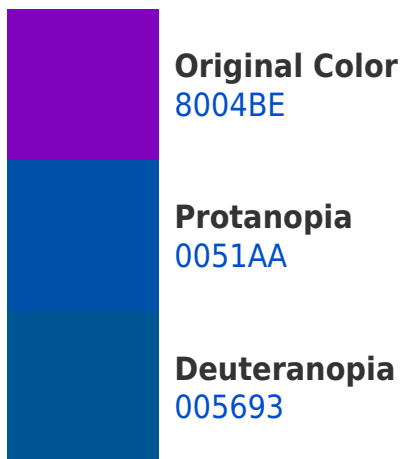



This preview shows how white text looks on a background with the Hex color 8004BE.

# 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**  
6C4A50

# Trichromacy



**Original Color**  
8004BE



**Protanomaly**  
2F35B1



**Deuteranomaly**  
2F38A3



**Tritanomaly**  
733178

# Monochromacy



**Original Color**  
8004BE



**Achromatopsia**  
3E3E3E



**Achromatomaly**  
56296D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8004BE 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 #8004BE looks like.

```
.text, #text, p{  
    color:#8004BE  
}
```

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 #8004BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8004BE
}
```

## Border

The CSS property to change the border of an element to Hex 8004BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

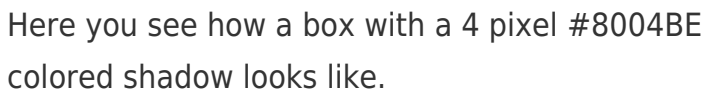
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8004BE }
```

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

```
.border{ border-color:#8004BE }
```

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



Here you see how a box with a 4 pixel #8004BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8004BE; -webkit-box-shadow:4px 4px  
4px 4px #8004BE; box-shadow:4px 4px 4px  
4px #8004BE }
```

# Background

The CSS property to change the background color of an element to Hex 8004BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8004BE }
```

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

```
.background{ background-color:#8004BE }
```

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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