

Converting Colors

Hex(8B00C8)

Have a look what the booklet for
Hex(8B00C8) contains.

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Color

Hex(8B00C8)

Conversions

Conversions Part 1

Format	Color
Hex	8B00C8
RGB	139, 0, 200
RGB Percent	55%, 0%, 78%
CMY	0.4549, 1.0000, 0.2157
CMYK	0.31, 1.00, 0.00, 0.22
HSL	282°, 100%, 39%
HSV	282°, 100%, 78%
XYZ	21.0728, 9.6591, 55.3973
YIQ	64.3610, 18.6440, 91.6680

Conversions

Conversions Part 2

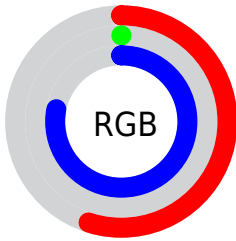
Format	Color
R_{YB}	139, 0, 200
Decimal	9109704
CIE _{Lab}	37.22, 73.21, -67.90
CIE _{LCh}	37, 99.849, 317.155
Yxy	9.6591, 0.2447, 0.1121
Android (android.graphics.Color)	4287299784 (0xFF8B00C8)
YUV	64.3610, 66.8700, 65.4584
Hunter-Lab	31.0791, 66.6413, -83.9268

Details

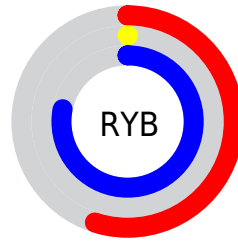
The Hex color **8B00C8** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **3DC800**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **C650FF**, and **500091** is the 20% darker color. If you saturate the color by 10%, you get **8B00C8**, and if you desaturate by 10%, it is **9114C8**.

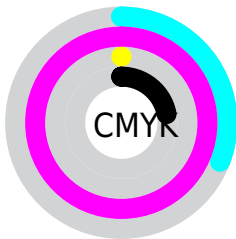
Distribution



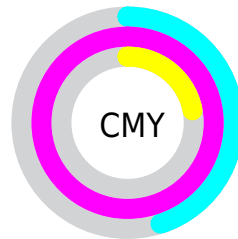
- Red (55%)
- Green (0%)
- Blue (78%)



- Red (55%)
- Yellow (0%)
- Blue (78%)



- Cyan (31%)
- Magenta (100%)
- Yellow (0%)
- Black (22%)



- Cyan (45%)
- Magenta (100%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B00C8 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 8B00C8 by changing the saturation by 10% instead.

 8B00C8

 8B00C8

FFFFFF

 6E00AC

 C650FF

 500091

 E46DFF

 310076

 FF89FF

 0C005D

 FFA6FF

 000044

 FFC3FF

 00032C


 FFE0FF

 000117

FFFEFF

 000000

 8B00C8

 9114C8

 9728C8

 9D3CC8

 A350C8

 AA64C8

 B078C8

 B68CC8

 BCA0C8

 C2B4C8

Harmonies

Analogous

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



0055F7



8B00C8



CD007E

Triad

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



8B00C8



874700



007486

Complementary

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



8B00C8



3DC800

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.



007130



8B00C8



3E6200

Square

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



8B00C8



BB0000



006D00



0074D0

Rectangle

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



8B00C8



D90049



006D00



00736A

Sweetspot

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



8B00C8



E8B3FF



003FC8



725280



000000



808080

Same Dimension

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



8B00C8



B100FF



C800A3



605A63



7100A3



190024

Inverse Universe

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



C8003D



FF004E



00C825



635A5D



A30032



24000B

Previews

White Background



This preview shows how the Hex color 8B00C8 looks on a white background.

Color Contrast Check

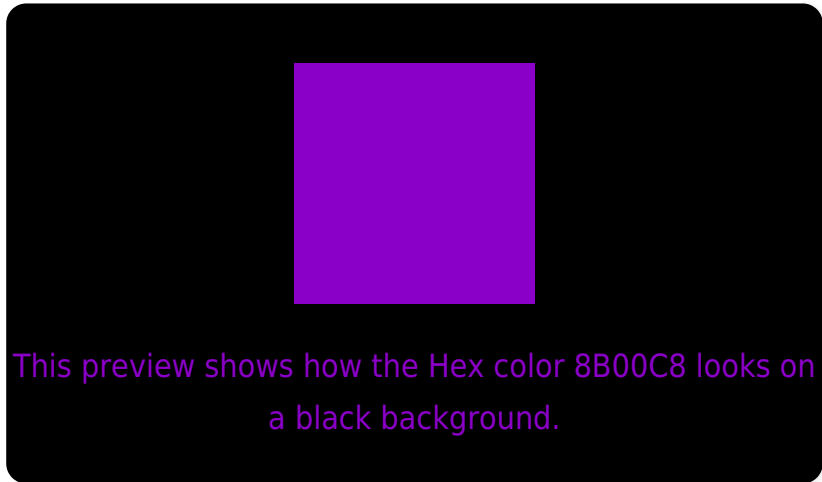
Large Text (above 18pt) WCAG AA ✓ Pass

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

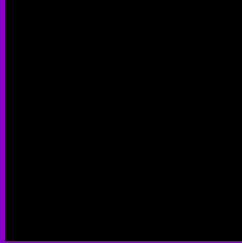
Any Text WCAG AA × Fail

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 8B00C8 Background



This preview shows how black text looks on a background with the Hex color 8B00C8.




This preview shows how white text looks on a background with the Hex color 8B00C8.

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
774E54

Trichromacy



Original Color
8B00C8



Protanomaly
3337BD



Deuteranomaly
333BAD



Tritanomaly
7E327E

Monochromacy



Original Color
8B00C8



Achromatopsia
404040



Achromatomaly
5B2971

CSS Examples

Text

The CSS property to change the color of the text to Hex 8B00C8 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 #8B00C8 looks like.

```
.text, #text, p{  
    color:#8B00C8  
}
```

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 #8B00C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B00C8
}
```

Border

The CSS property to change the border of an element to Hex 8B00C8 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".

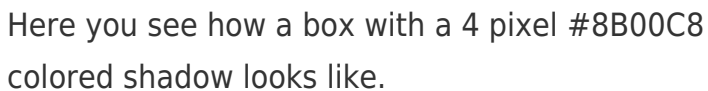
```
.border, #border, table{ border:4px solid
#8B00C8 }
```

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

```
.border{ border-color:#8B00C8 }
```

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

Here you see how a box with a 4 pixel #8B00C8 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The shadow is cast to the right and bottom of the box, matching the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B00C8; -webkit-box-shadow:4px 4px  
4px 4px #8B00C8; box-shadow:4px 4px 4px  
4px #8B00C8 }
```

Background

The CSS property to change the background color of an element to Hex 8B00C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B00C8 }
```

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

```
.background{ background-color:#8B00C8 }
```

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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