

Converting Colors

Hex(8035B8)

Have a look what the booklet for
Hex(8035B8) contains.

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Color

Hex(8035B8)

Conversions

Conversions Part 1

Format	Color
Hex	8035B8
RGB	128, 53, 184
RGB Percent	50%, 21%, 72%
CMY	0.4980, 0.7922, 0.2784
CMYK	0.30, 0.71, 0.00, 0.28
HSL	274°, 55%, 46%
HSV	274°, 71%, 72%
XYZ	18.8269, 10.5961, 46.4004
YIQ	90.3590, 2.6490, 56.6410

Conversions

Conversions Part 2

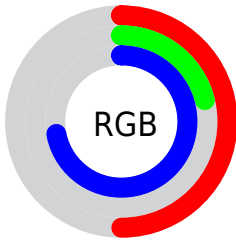
Format	Color
R _Y B	128, 53, 184
Decimal	8402360
CIE Lab	38.89, 54.86, -55.86
CIE LCh	39, 78.298, 314.481
Yxy	10.5961, 0.2483, 0.1397
Android (android.graphics.Color)	4286592440 (0xFF8035B8)
YUV	90.3590, 46.1650, 33.0112
Hunter-Lab	32.5516, 46.2738, -61.7281

Details

The Hex color **8035B8** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **6DB835**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **B96AF1**, and **480082** is the 20% darker color. If you saturate the color by 10%, you get **7823B8**, and if you desaturate by 10%, it is **8847B8**.

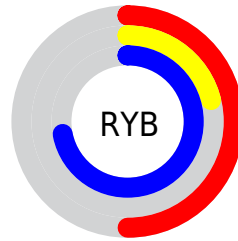
Distribution



Red (50%)

Green (21%)

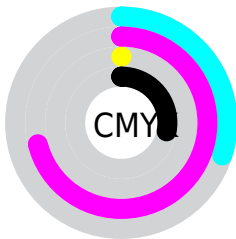
Blue (72%)



Red (50%)

Yellow (21%)

Blue (72%)

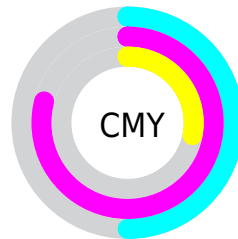


Cyan (30%)

Magenta (71%)

Yellow (0%)

Black (28%)



Cyan (50%)

Magenta (79%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8035B8 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 8035B8 by changing the saturation by 10% instead.

 8035B8

 8035B8

FFFFFF

 64189D

 B96AF1

 480082

 D685FF

 2B0068

 F4A0FF

 0F004F

 FFBCFF

 000037

 FFD8FF

 000221

 FFF5FF

 000005

 000000

 8035B8

 8035B8

 7823B8

 8847B8

 7010B8

 905AB8

 6900B8

 986CB8

 9F7FB8

 A791B8

 AFA3B8

 B7B6B8

 BFC8B8

 C7DBB8

Harmonies

Analogous

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



005ADA



8035B8



B8007F

Triad

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



8035B8



8B4C00



00757A

Complementary

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



8035B8



6DB835

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.



007337



8035B8



546300

Square

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



8035B8



B32000



006E00



0074B5

Rectangle

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



8035B8



C50055



006E00



007464

Sweetspot

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



8035B8



DABDF0



356EB8



6B5A78



F7F7F7



787878

Same Dimension

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



8035B8



9924F0



B835AF



58535C



59009C



10001C

Inverse Universe

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



B8356D



F0247B



35B83E



5C5357



9C0042



1C000C

Previews

White Background



This preview shows how the Hex color 8035B8 looks on a white background.

Color Contrast Check

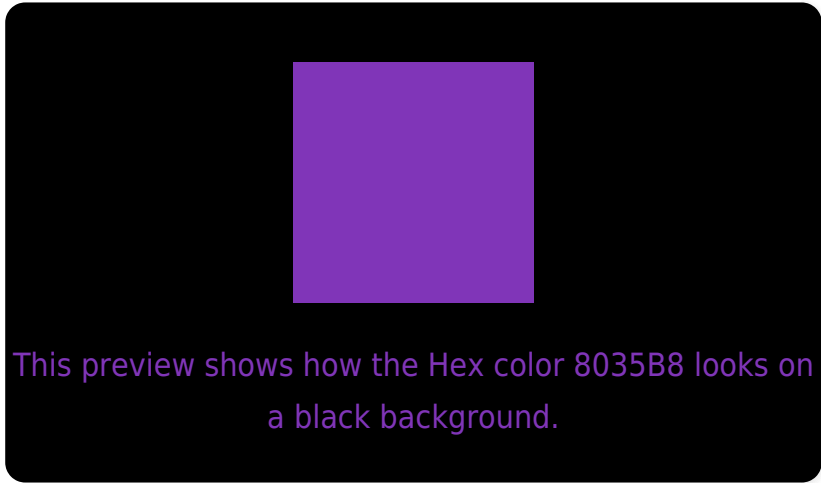
Large Text (above 18pt) WCAG AA ✓ Pass

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

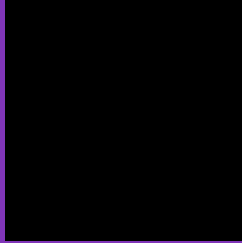
Any Text WCAG AA × Fail

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 8035B8 Background



This preview shows how black text looks on a background with the Hex color 8035B8.

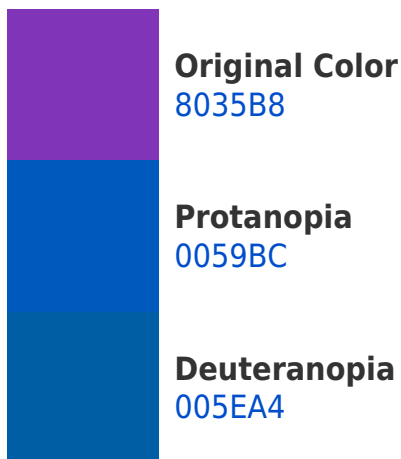


This preview shows how white text looks on a background with the Hex color 8035B8.

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
6F555B

Trichromacy



Original Color
8035B8



Protanomaly
2F4CBB



Deuteranomaly
2F4FAB



Tritanomaly
75497D

Monochromacy



Original Color
8035B8



Achromatopsia
5A5A5A



Achromatomaly
684D7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 8035B8 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 #8035B8 looks like.

```
.text, #text, p{  
    color:#8035B8  
}
```

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 #8035B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8035B8
}
```

Border

The CSS property to change the border of an element to Hex 8035B8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

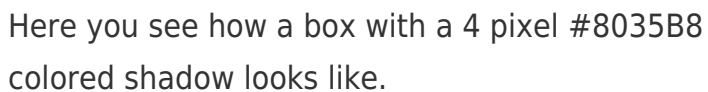
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8035B8 }
```

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

```
.border{ border-color:#8035B8 }
```

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



Here you see how a box with a 4 pixel #8035B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8035B8; -webkit-box-shadow:4px 4px  
4px 4px #8035B8; box-shadow:4px 4px 4px  
4px #8035B8 }
```

Background

The CSS property to change the background color of an element to Hex 8035B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8035B8 }
```

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

```
.background{ background-color:#8035B8 }
```

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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