

Converting Colors

Hex(8213B9)

Have a look what the booklet for
Hex(8213B9) contains.

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Color

Hex(8213B9)

Conversions

Conversions Part 1

Format	Color
Hex	8213B9
RGB	130, 19, 185
RGB Percent	51%, 7%, 73%
CMY	0.4902, 0.9255, 0.2745
CMYK	0.30, 0.90, 0.00, 0.27
HSL	280°, 81%, 40%
HSV	280°, 90%, 73%
XYZ	18.1957, 8.7144, 46.6220
YIQ	71.1130, 12.8700, 75.1580

Conversions

Conversions Part 2

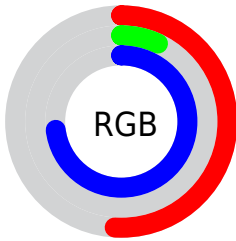
Format	Color
R_{YB}	130, 19, 185
Decimal	8524729
CIE _{Lab}	35.43, 66.49, -62.07
CIE _{LCh}	35, 90.966, 316.969
Yxy	8.7144, 0.2475, 0.1185
Android (android.graphics.Color)	4286714809 (0xFF8213B9)
YUV	71.1130, 56.1463, 51.6439
Hunter-Lab	29.5201, 58.3647, -72.9744

Details

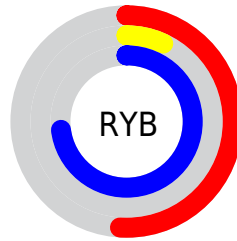
The Hex color **8213B9** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **4AB913**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **BC53F2**, and **490083** is the 20% darker color. If you saturate the color by 10%, you get **7C00B9**, and if you desaturate by 10%, it is **8825B9**.

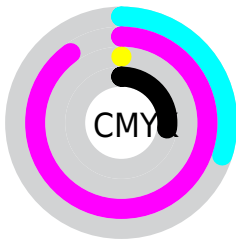
Distribution



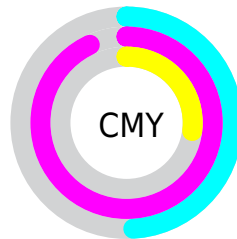
- Red (51%)
- Green (7%)
- Blue (73%)



- Red (51%)
- Yellow (7%)
- Blue (73%)



- Cyan (30%)
- Magenta (90%)
- Yellow (0%)
- Black (27%)



- Cyan (49%)
- Magenta (93%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8213B9 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 8213B9 by changing the saturation by 10% instead.

 8213B9

 8213B9

FFFFFF

 65009D

 BC53F2

 490083

 DA6FFF

 2B0069

 F88BFF

 040050

 FFA7FF

 000237

 FFC4FF

 000221

 FFE1FF

 000006

FFFEFF

 000000

 8213B9

 8213B9

7C00B9

8825B9

8E38B9

944AB9

9B5DB9

A16FB9

A782B9

AD94B9

B3A7B9

B9BAB9

Harmonies

Analogous

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



0051E3



8213B9



BE0076

Triad

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



8213B9



804500



006D7C

Complementary

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



8213B9



4AB913

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.



006B2F



8213B9



3F5D00

Square

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



8213B9



AF0000



006700



006EBF

Rectangle

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



8213B9



C90047



006700



006D63

Sweetspot

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



8213B9



DAAFF0



134AB9



6B5178



F7F7F7



787878

Same Dimension

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



8213B9



A000F0



B9139D



59535C



68009C



13001C

Inverse Universe

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



B9134A



F0004F



13B92F



5C5356



9C0034



1C0009

Previews

White Background



This preview shows how the Hex color 8213B9 looks on a white background.

Color Contrast Check

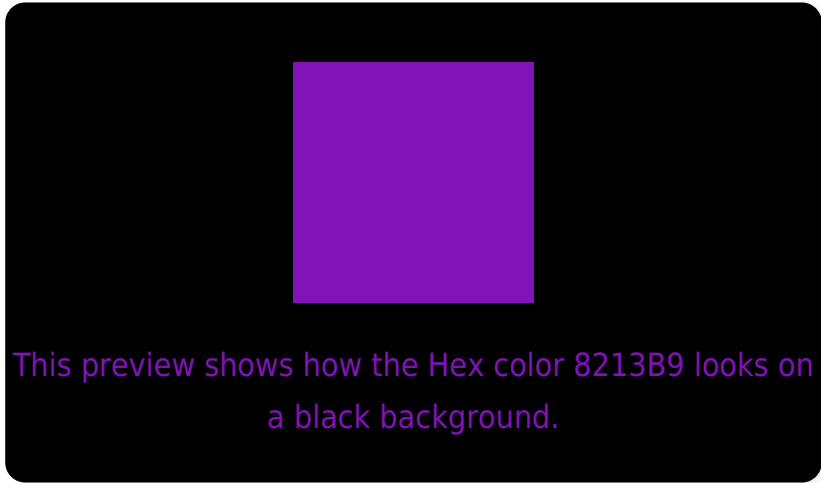
Large Text (above 18pt) WCAG AA ✓ Pass

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

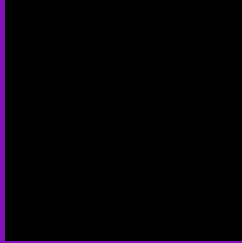
Any Text WCAG AA × Fail

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 8213B9 Background



This preview shows how black text looks on a background with the Hex color 8213B9.



This preview shows how white text looks on a background with the Hex color 8213B9.

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](#).

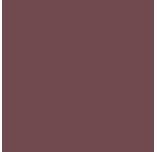
Dichromacy



Original Color
8213B9

Protanopia
0052AC

Deuteranopia
005795



Tritanopia
704A4F

Trichromacy



Original Color
8213B9



Protanomaly
2F3BB1



Deuteranomaly
2F3EA2



Tritanomaly
773676

Monochromacy



Original Color
8213B9



Achromatopsia
474747



Achromatomaly
5C3470

CSS Examples

Text

The CSS property to change the color of the text to Hex 8213B9 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 #8213B9 looks like.

```
.text, #text, p{  
    color:#8213B9  
}
```

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 #8213B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8213B9
}
```

Border

The CSS property to change the border of an element to Hex 8213B9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

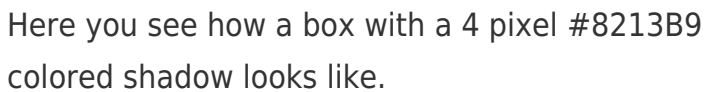
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8213B9 }
```

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

```
.border{ border-color:#8213B9 }
```

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



Here you see how a box with a 4 pixel #8213B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8213B9; -webkit-box-shadow:4px 4px  
4px 4px #8213B9; box-shadow:4px 4px 4px  
4px #8213B9 }
```

Background

The CSS property to change the background color of an element to Hex 8213B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8213B9 }
```

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

```
.background{ background-color:#8213B9 }
```

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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