

Converting Colors

Hex(8212A3)

Have a look what the booklet for
Hex(8212A3) contains.

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Color

Hex(8212A3)

Conversions

Conversions Part 1

Format	Color
Hex	8212A3
RGB	130, 18, 163
RGB Percent	51%, 7%, 64%
CMY	0.4902, 0.9294, 0.3608
CMYK	0.20, 0.89, 0.00, 0.36
HSL	286°, 80%, 35%
HSV	286°, 89%, 64%
XYZ	16.0331, 7.8228, 35.3152
YIQ	68.0180, 20.2070, 68.8390

Conversions

Conversions Part 2

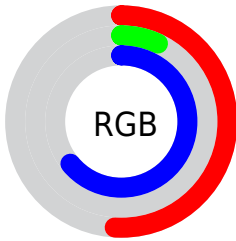
Format	Color
R_{YB}	130, 18, 163
Decimal	8524451
CIE _{Lab}	33.61, 62.43, -51.88
CIE _{LCh}	34, 81.169, 320.273
Yxy	7.8228, 0.2710, 0.1322
Android (android.graphics.Color)	4286714531 (0xFF8212A3)
YUV	68.0180, 46.8261, 54.3582
Hunter-Lab	27.9692, 53.3772, -55.2838

Details

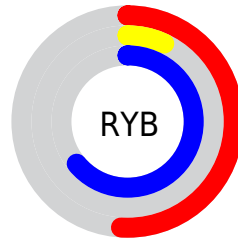
The Hex color **8212A3** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **33A312**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **BB51DB**, and **4B006E** is the 20% darker color. If you saturate the color by 10%, you get **7E02A3**, and if you desaturate by 10%, it is **8622A3**.

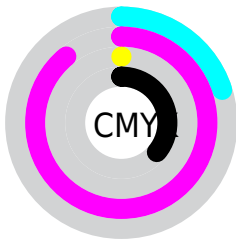
Distribution



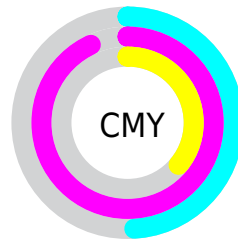
- Red (51%)
- Green (7%)
- Blue (64%)



- Red (51%)
- Yellow (7%)
- Blue (64%)



- Cyan (20%)
- Magenta (89%)
- Yellow (0%)
- Black (36%)



- Cyan (49%)
- Magenta (93%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8212A3 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 8212A3 by changing the saturation by 10% instead.

8212A3

8212A3

FFFFFF

660088

BB51DB

4B006E

D86DF8

300055

F689FF

12003D

FFA5FF

000226

FFC1FF

00010F

FFDEFF

000000

FFFCFF

8212A3

8212A3

■ 7E02A3

■ 8622A3

■ 7E00A3

■ 8933A3

■ 8D43A3

■ 9153A3

■ 9563A3

■ 9874A3

■ 9C84A3

■ A094A3

■ A3A5A3

Harmonies

Analogous

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



0049CB



8212A3



B10067

Triad

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



8212A3



734500



00677B

Complementary

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



8212A3



33A312

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.



006537



8212A3



375900

Square

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



8212A3



9E1700



006200



0066B3

Rectangle

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



8212A3



B8003D



006200



006765

Sweetspot

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



8212A3



C79BD4



1234A3



63496B



EBEBEB



6B6B6B

Same Dimension

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



8212A3



A300D4



A3127C



504952



700091



0E0012

Inverse Universe

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



A31233



D40030



12A339



52494B



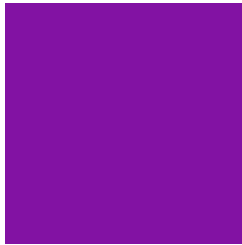
910021



120004

Previews

White Background



This preview shows how the Hex color 8212A3 looks on a white background.

Color Contrast Check

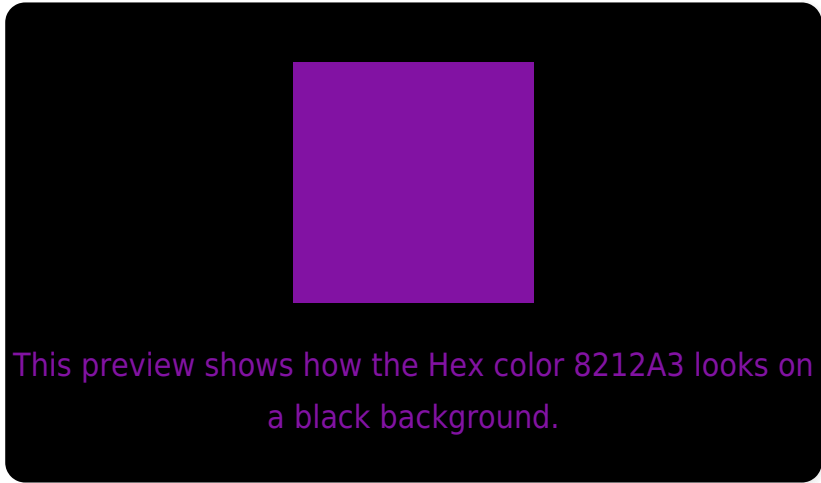
Large Text (above 18pt) WCAG AA ✓ Pass

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

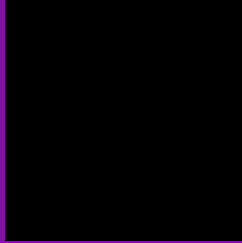
Any Text WCAG AA × Fail

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 8212A3 Background



This preview shows how black text looks on a background with the Hex color 8212A3.

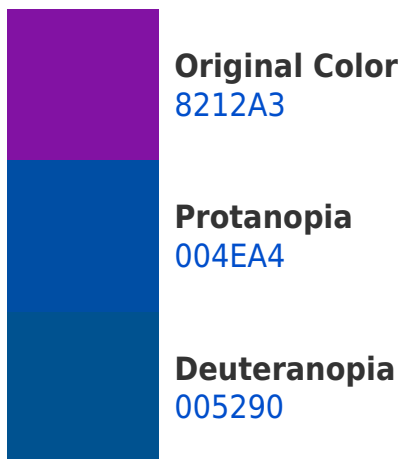



This preview shows how white text looks on a background with the Hex color 8212A3.

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
754146

Trichromacy



Original Color
8212A3



Protanomaly
2F38A4



Deuteranomaly
2F3B97



Tritanomaly
7A3068

Monochromacy



Original Color
8212A3



Achromatopsia
444444



Achromatomaly
5B3267

CSS Examples

Text

The CSS property to change the color of the text to Hex 8212A3 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 #8212A3 looks like.

```
.text, #text, p{  
    color:#8212A3  
}
```

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 #8212A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8212A3
}
```

Border

The CSS property to change the border of an element to Hex 8212A3 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
#8212A3 }
```

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

```
.border{ border-color:#8212A3 }
```

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

Here you see how a box with a 4 pixel #8212A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8212A3; -webkit-box-shadow:4px 4px  
4px 4px #8212A3; box-shadow:4px 4px 4px  
4px #8212A3 }
```

Background

The CSS property to change the background color of an element to Hex 8212A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8212A3 }
```

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

```
.background{ background-color:#8212A3 }
```

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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