

Converting Colors

Hex(8242C9)

Have a look what the booklet for
Hex(8242C9) contains.

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Color

Hex(8242C9)

Conversions

Conversions Part 1

Format	Color
Hex	8242C9
RGB	130, 66, 201
RGB Percent	51%, 26%, 79%
CMY	0.4902, 0.7412, 0.2118
CMYK	0.35, 0.67, 0.00, 0.21
HSL	268°, 56%, 52%
HSV	268°, 67%, 79%
XYZ	21.6968, 12.8593, 56.5969
YIQ	100.5260, -5.1910, 55.5530

Conversions

Conversions Part 2

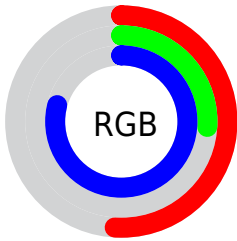
Format	Color
R _{YB}	130, 66, 201
Decimal	8536777
CIE _{Lab}	42.55, 53.21, -59.86
CIE _{LCh}	43, 80.087, 311.632
Yxy	12.8593, 0.2380, 0.1411
Android (android.graphics.Color)	4286726857 (0xFF8242C9)
YUV	100.5260, 49.5337, 25.8487
Hunter-Lab	35.8599, 45.2453, -68.4743

Details

The Hex color **8242C9** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **89C942**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **BB76FF**, and **490892** is the 20% darker color. If you saturate the color by 10%, you get **772EC9**, and if you desaturate by 10%, it is **8D56C9**.

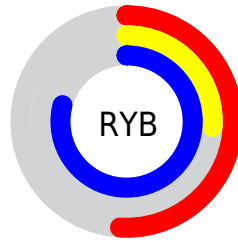
Distribution



Red (51%)

Green (26%)

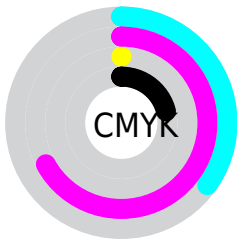
Blue (79%)



Red (51%)

Yellow (26%)

Blue (79%)

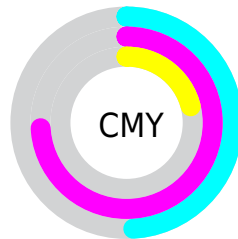


Cyan (35%)

Magenta (67%)

Yellow (0%)

Black (21%)



Cyan (49%)

Magenta (74%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8242C9 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 8242C9 by changing the saturation by 10% instead.

8242C9

8242C9

FFFFFF

6628AD

BB76FF

490892

D991FF

2B0077

F6ACFF

04005E

FFC8FF

000045

FFE5FF

00042E

000118

000000

8242C9

8242C9

772EC9

8D56C9

6D1AC9

976AC9

6206C9

A27EC9

5F00C9

AC92C9

B7A7C9

C1BBC9

CCCFC9

D7E3C9

E1F7C9

Harmonies

Analogous

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



0065E9



8242C9



C20090

Triad

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



8242C9



9B5200



007F7E

Complementary

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



8242C9



89C942

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.



007C37



8242C9



646A00

Square

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



8242C9



C32408



007700



007EBC

Rectangle

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



8242C9



D20064



007700



007E66

Sweetspot

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



8242C9



E4CCFF



428AC9



6F6180



000000



808080

Same Dimension

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



8242C9



9230FF



C542C9



5E5A63



4D00A3



110024

Inverse Universe

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



C94289



FF309D



47C942



635A5F



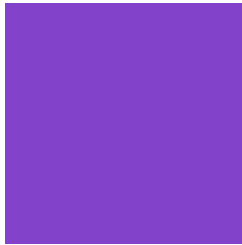
A30056



240013

Previews

White Background



This preview shows how the Hex color 8242C9 looks on a white background.

Color Contrast Check

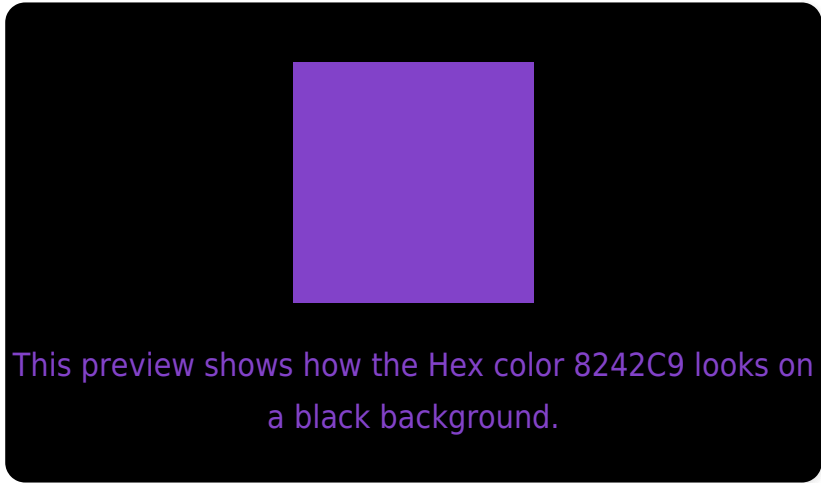
Large Text (above 18pt) WCAG AA ✓ Pass

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

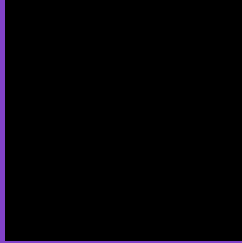
Any Text WCAG AA × Fail

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 8242C9 Background



This preview shows how black text looks on a background with the Hex color 8242C9.



This preview shows how white text looks on a background with the Hex color 8242C9.

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](#).

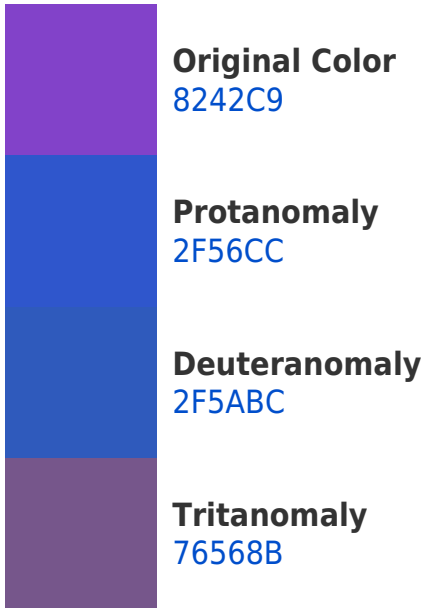
Dichromacy



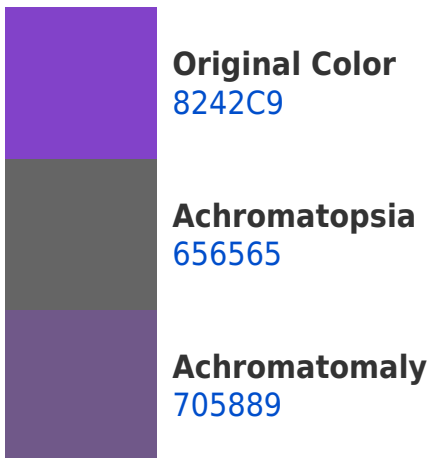


Tritanopia
6F6168

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8242C9 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 #8242C9 looks like.

```
.text, #text, p{  
    color:#8242C9  
}
```

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 #8242C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8242C9
}
```

Border

The CSS property to change the border of an element to Hex 8242C9 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".

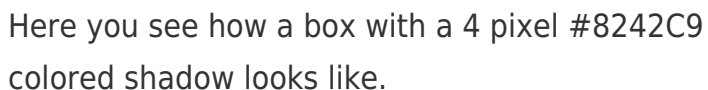
```
.border, #border, table{ border:4px solid
#8242C9 }
```

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

```
.border{ border-color:#8242C9 }
```

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

Here you see how a box with a 4 pixel #8242C9 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8242C9; -webkit-box-shadow:4px 4px  
4px 4px #8242C9; box-shadow:4px 4px 4px  
4px #8242C9 }
```

Background

The CSS property to change the background color of an element to Hex 8242C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8242C9 }
```

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

```
.background{ background-color:#8242C9 }
```

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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