

Converting Colors

Hex(8123A2)

Have a look what the booklet for
Hex(8123A2) contains.

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Color

Hex(8123A2)

Conversions

Conversions Part 1

Format	Color
Hex	8123A2
RGB	129, 35, 162
RGB Percent	51%, 14%, 64%
CMY	0.4941, 0.8627, 0.3647
CMYK	0.20, 0.78, 0.00, 0.36
HSL	284°, 64%, 39%
HSV	284°, 78%, 64%
XYZ	16.1759, 8.4778, 34.9662
YIQ	77.5840, 15.2570, 59.4250

Conversions

Conversions Part 2

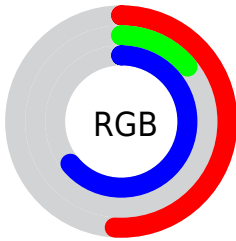
Format	Color
RYB	129, 35, 162
Decimal	8463266
CIELab	34.96, 57.43, -49.10
CIELCh	35, 75.562, 319.474
Yxy	8.4778, 0.2713, 0.1422
Android (android.graphics.Color)	4286653346 (0xFF8123A2)
YUV	77.5840, 41.6171, 45.0918
Hunter-Lab	29.1167, 48.2120, -50.8196

Details

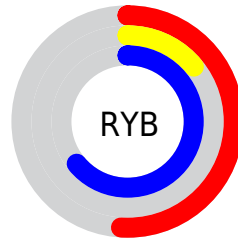
The Hex color **8123A2** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **44A223**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **B95BDA**, and **4A006D** is the 20% darker color. If you saturate the color by 10%, you get **7D13A2**, and if you desaturate by 10%, it is **8533A2**.

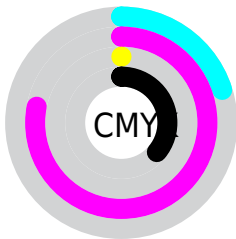
Distribution



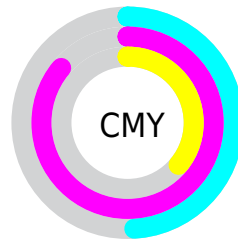
- Red (51%)
- Green (14%)
- Blue (64%)



- Red (51%)
- Yellow (14%)
- Blue (64%)



- Cyan (20%)
- Magenta (78%)
- Yellow (0%)
- Black (36%)




- Cyan (49%)
- Magenta (86%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8123A2 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 8123A2 by changing the saturation by 10% instead.

 8123A2

 8123A2

FFFFFF

 660087

 B95BDA

 4A006D

 D676F6

 300054

 F491FF

 14003C

 FFADFF


 000225


 FFCAFF

 00010E

 FFE6FF

 000000

 8123A2

 8123A2

 7D13A2

 8533A2

7903A2

8943A2

7800A2

8E54A2

9264A2

9674A2

9A84A2

9E94A2

A3A5A2

A7B5A2

Harmonies

Analogous

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



004DC7



8123A2



AE006A

Triad

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



8123A2



774800



006A79

Complementary

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



8123A2



44A223

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.



00683A



8123A2



405B00

Square

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



8123A2



9F2200



006400



0068AF

Rectangle

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



8123A2



B60042



006400



006965

Sweetspot

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



8123A2



C6A1D4



2345A2



634C6B



EBEBEB



6B6B6B

Same Dimension

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



8123A2



A00DD4



A22384



4F4952



6C0091



0D0012

Inverse Universe

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



A22344



D40D40



23A241



52494C



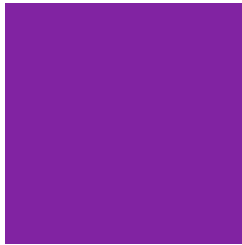
910026



120005

Previews

White Background



This preview shows how the Hex color 8123A2 looks on a white background.

Color Contrast Check

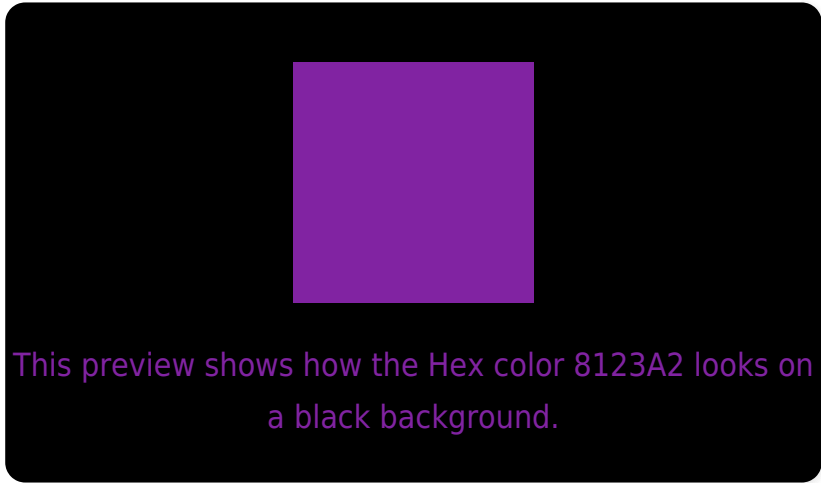
Large Text (above 18pt) WCAG AA ✓ Pass

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

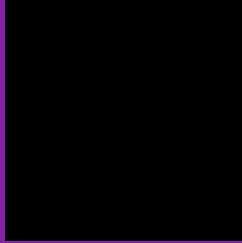
Any Text WCAG AA × Fail

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 8123A2 Background



This preview shows how black text looks on a background with the Hex color 8123A2.



This preview shows how white text looks on a background with the Hex color 8123A2.

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
8123A2

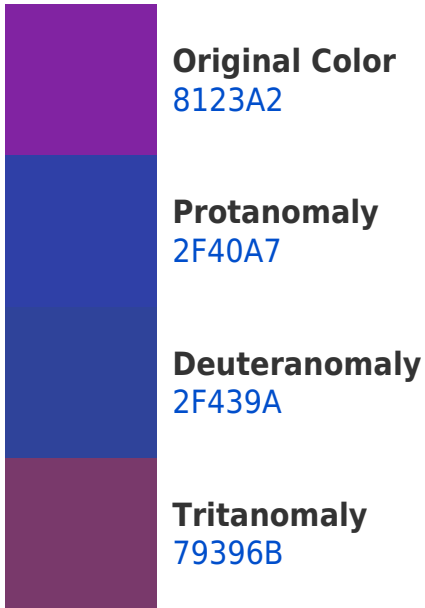
Protanopia
0050AA

Deuteranopia
005596

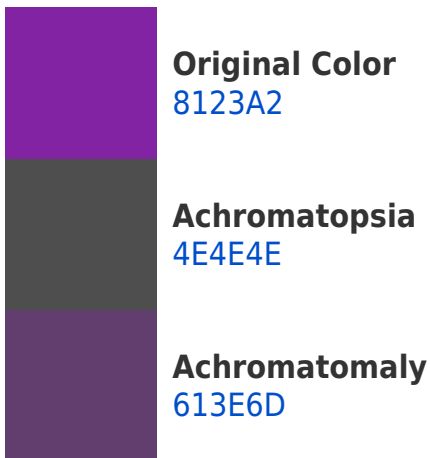


Tritanopia
74464B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8123A2 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 #8123A2 looks like.

```
.text, #text, p{  
    color:#8123A2  
}
```

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 #8123A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8123A2
}
```

Border

The CSS property to change the border of an element to Hex 8123A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

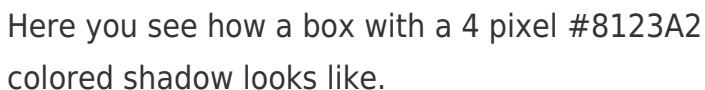
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8123A2 }
```

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

```
.border{ border-color:#8123A2 }
```

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



Here you see how a box with a 4 pixel #8123A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8123A2; -webkit-box-shadow:4px 4px  
4px 4px #8123A2; box-shadow:4px 4px 4px  
4px #8123A2 }
```

Background

The CSS property to change the background color of an element to Hex 8123A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8123A2 }
```

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

```
.background{ background-color:#8123A2 }
```

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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