

Converting Colors

Hex(8018A2)

Have a look what the booklet for
Hex(8018A2) contains.

Hex(8018A2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8018A2)

Conversions

Conversions Part 1

Format	Color
Hex	8018A2
RGB	128, 24, 162
RGB Percent	50%, 9%, 64%
CMY	0.4980, 0.9059, 0.3647
CMYK	0.21, 0.85, 0.00, 0.36
HSL	285°, 74%, 36%
HSV	285°, 85%, 64%
XYZ	15.7503, 7.8511, 34.8677
YIQ	70.8280, 17.6860, 64.9660

Conversions

Conversions Part 2

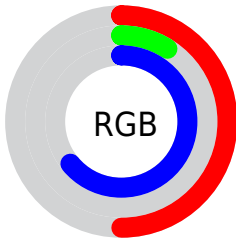
Format	Color
R_{YB}	128, 24, 162
Decimal	8394914
CIE _{Lab}	33.67, 60.54, -51.19
CIE _{LCh}	34, 79.278, 319.780
Yxy	7.8511, 0.2694, 0.1343
Android (android.graphics.Color)	4286584994 (0xFF8018A2)
YUV	70.8280, 44.9478, 50.1398
Hunter-Lab	28.0198, 51.3026, -54.1663

Details

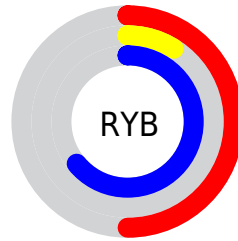
The Hex color **8018A2** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **3AA218**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **B954DA**, and **49006D** is the 20% darker color. If you saturate the color by 10%, you get **7C08A2**, and if you desaturate by 10%, it is **8428A2**.

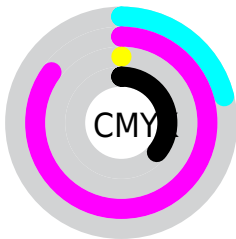
Distribution



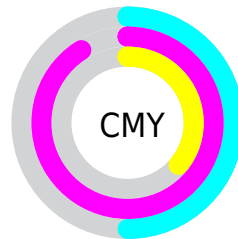
- Red (50%)
- Green (9%)
- Blue (64%)



- Red (50%)
- Yellow (9%)
- Blue (64%)



- Cyan (21%)
- Magenta (85%)
- Yellow (0%)
- Black (36%)



- Cyan (50%)
- Magenta (91%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8018A2 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 8018A2 by changing the saturation by 10% instead.

 8018A2

 8018A2

FFFFFF

 640087

 B954DA

 49006D

 D66FF7

 2E0054

 F38BFF

 10003C

 FFA7FF

 000225

 FFC3FF

 00010E

 FFE0FF

 000000

 FFFDFF

 8018A2

 8018A2

■ 7C08A2

■ 8428A2

■ 7A00A2

■ 8838A2

■ 8C49A2

■ 9059A2

■ 9469A2

■ 9879A2

■ 9C89A2

■ A09AA2

■ A4AAA2

Harmonies

Analogous

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



0049C9



8018A2



AF0068

Triad

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



8018A2



734500



006779

Complementary

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



8018A2



3AA218

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



8018A2



395900

Square

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



8018A2



9D1900



006100



0066B0

Rectangle

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



8018A2



B6003E



006100



006763

Sweetspot

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



8018A2



C69DD4



183BA2



634A6B



EBEBEB



6B6B6B

Same Dimension

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



8018A2



A000D4



A2187F



504952



6E0091



0D0012

Inverse Universe

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



A2183A



D40034



18A23B



52494B



910024



120004

Previews

White Background



This preview shows how the Hex color 8018A2 looks on a white background.

Color Contrast Check

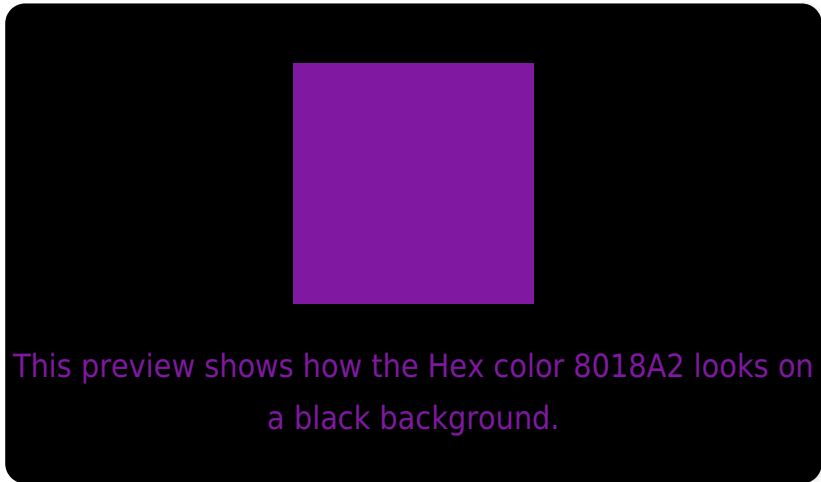
Large Text (above 18pt) WCAG AA ✓ Pass

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

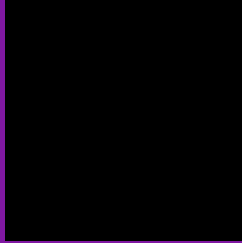
Any Text WCAG AA × Fail

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 8018A2 Background



This preview shows how black text looks on a background with the Hex color 8018A2.



This preview shows how white text looks on a background with the Hex color 8018A2.

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
8018A2

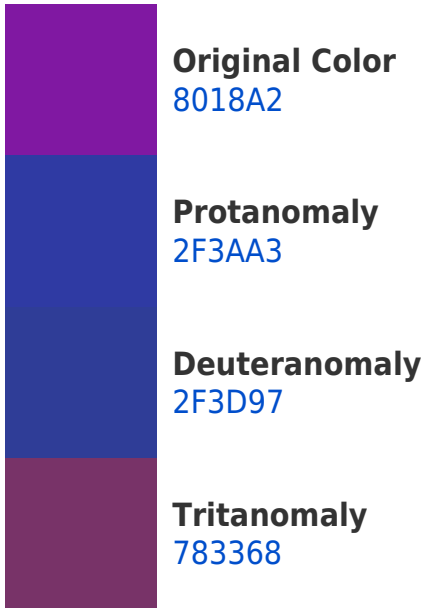
Protanopia
004EA4

Deuteranopia
005290

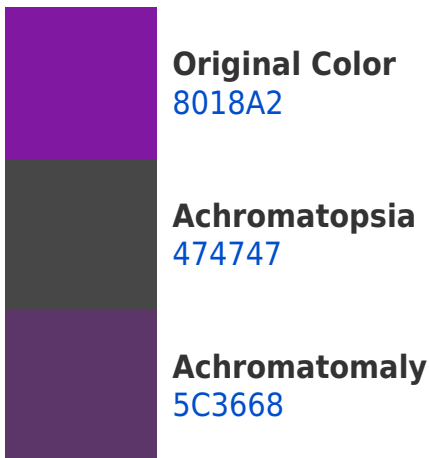


Tritanopia
734247

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8018A2 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 #8018A2 looks like.

```
.text, #text, p{  
    color:#8018A2  
}
```

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 #8018A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8018A2
}
```

Border

The CSS property to change the border of an element to Hex 8018A2 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
#8018A2 }
```

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

```
.border{ border-color:#8018A2 }
```

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

Here you see how a box with a 4 pixel #8018A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8018A2; -webkit-box-shadow:4px 4px  
4px 4px #8018A2; box-shadow:4px 4px 4px  
4px #8018A2 }
```

Background

The CSS property to change the background color of an element to Hex 8018A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8018A2 }
```

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

```
.background{ background-color:#8018A2 }
```

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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