

Converting Colors

Hex(820A29)

Have a look what the booklet for
Hex(820A29) contains.

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Color

Hex(820A29)

Conversions

Conversions Part 1

Format	Color
Hex	820A29
RGB	130, 10, 41
RGB Percent	51%, 4%, 16%
CMY	0.4902, 0.9608, 0.8392
CMYK	0.00, 0.92, 0.68, 0.49
HSL	344°, 86%, 27%
HSV	344°, 92%, 51%
XYZ	9.7147, 5.1230, 2.5746
YIQ	49.4140, 61.5690, 35.0810

Conversions

Conversions Part 2

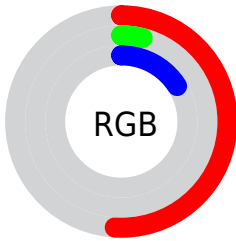
Format	Color
RYB	130, 10, 41
Decimal	8522281
CIELab	27.08, 48.08, 16.88
CIElCh	27, 50.952, 19.341
Yxy	5.1230, 0.5579, 0.2942
Android (android.graphics.Color)	4286712361 (0xFF820A29)
YUV	49.4140, -4.1481, 70.6739
Hunter-Lab	22.6341, 37.0039, 9.0996

Details

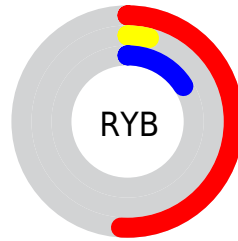
The Hex color **820A29** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **0A8263**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **BD4856**, and **490000** is the 20% darker color. If you saturate the color by 10%, you get **820022**, and if you desaturate by 10%, it is **821733**.

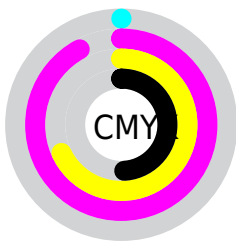
Distribution



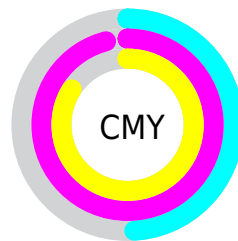
- Red (51%)
- Green (4%)
- Blue (16%)



- Red (51%)
- Yellow (4%)
- Blue (16%)



- Cyan (0%)
- Magenta (92%)
- Yellow (68%)
- Black (49%)



- Cyan (49%)
- Magenta (96%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 820A29 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 820A29 by changing the saturation by 10% instead.

 820A29

 820A29

FFFFFF

 650015

 BD4856

 490000

 DB636E

 2F0002

 F97D87

 000000

 FF99A2

 FF5BD

 FFD1D8

 FFEEF5

 820A29

 820A29

■ 820022

■ 821733

■ 82243C

■ 823146

■ 823E50

■ 824B59

■ 825863

■ 82656C

■ 827276

■ 827F80

Harmonies

Analogous

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



7D0950



820A29



752600

Triad

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



820A29



004C03



00498E

Complementary

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



820A29



0A8263

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.



004F7B



820A29



005030

Square

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



820A29



384600



005059



063C8B

Rectangle

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



820A29



653400



005059



004C8A

Sweetspot

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



820A29



A87985



620A82



54383F



D4D4D4



545454

Same Dimension

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



820A29



A8002B



82260A



40393B



800021



000000

Inverse Universe

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



820A29



A8002B



0A6682



40393B



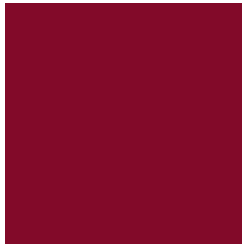
800021



000000

Previews

White Background



This preview shows how the Hex color 820A29 looks on a white background.

Color Contrast Check

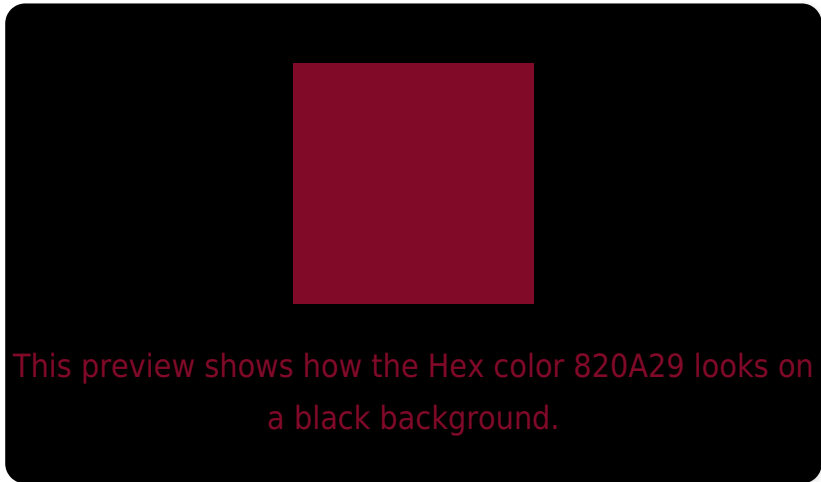
Large Text (above 18pt) WCAG AA ✓ Pass

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 820A29 Background



This preview shows how black text looks on a background with the Hex color 820A29.



This preview shows how white text looks on a background with the Hex color 820A29.

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
820A29

Protanopia
45423C

Deuteranopia
524023



Tritanopia
811311

Trichromacy



Original Color
820A29

Protanomaly
5B2E35

Deuteranomaly
632C25

Tritanomaly
81101A

Monochromacy



Original Color
820A29

Achromatopsia
313131

Achromatomaly
4E232E

CSS Examples

Text

The CSS property to change the color of the text to Hex 820A29 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 #820A29 looks like.

```
.text, #text, p{  
    color:#820A29  
}
```

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 #820A29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #820A29
}
```

Border

The CSS property to change the border of an element to Hex 820A29 is called "border". The border property can be set on classes, ids or directly on the HTML element.

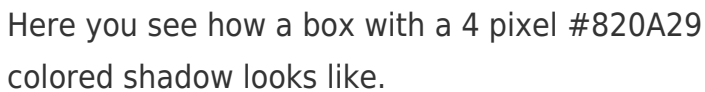
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#820A29 }
```

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

```
.border{ border-color:#820A29 }
```

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



Here you see how a box with a 4 pixel #820A29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #820A29; -webkit-box-shadow:4px 4px  
4px 4px #820A29; box-shadow:4px 4px 4px  
4px #820A29 }
```

Background

The CSS property to change the background color of an element to Hex 820A29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#820A29 }
```

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

```
.background{ background-color:#820A29 }
```

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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