

Converting Colors

Hex(820319)

Have a look what the booklet for
Hex(820319) contains.

Hex(820319)	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(820319)

Conversions

Conversions Part 1

Format	Color
Hex	820319
RGB	130, 3, 25
RGB Percent	51%, 1%, 10%
CMY	0.4902, 0.9882, 0.9020
CMYK	0.00, 0.98, 0.81, 0.49
HSL	350°, 95%, 26%
HSV	350°, 98%, 51%
XYZ	9.4140, 4.8811, 1.3657
YIQ	43.4810, 68.6300, 33.7660

Conversions

Conversions Part 2

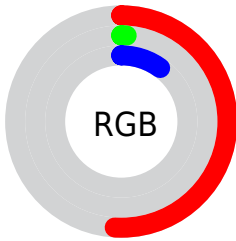
Format	Color
RYB	130, 3, 25
Decimal	8520473
CIELab	26.39, 48.61, 26.62
CIElCh	26, 55.422, 28.710
Yxy	4.8811, 0.6011, 0.3117
Android (android.graphics.Color)	4286710553 (0xFF820319)
YUV	43.4810, -9.1111, 75.8772
Hunter-Lab	22.0933, 37.3956, 11.8003

Details

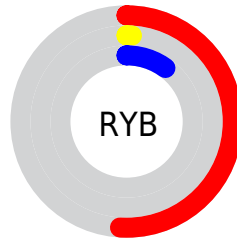
The Hex color **820319** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **03826C**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **BE4544**, and **480000** is the 20% darker color. If you saturate the color by 10%, you get **820017**, and if you desaturate by 10%, it is **821024**.

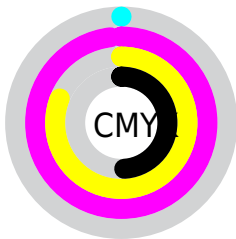
Distribution



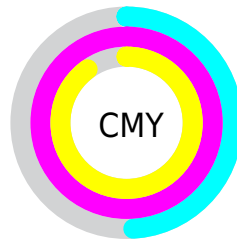
- Red (51%)
- Green (1%)
- Blue (10%)



- Red (51%)
- Yellow (1%)
- Blue (10%)



- Cyan (0%)
- Magenta (98%)
- Yellow (81%)
- Black (49%)



- Cyan (49%)
- Magenta (99%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 820319 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 820319 by changing the saturation by 10% instead.

 820319

 820319

FFFFFFC

 650000

 BE4544

 480000

 DC605C

 2D0001

 FB7A74

 000000

 FF968E

 FF2A9

 FFCEC4

 FFEBE0

 820319

 820319

■ 820017

■ 821024

■ 821D2E

■ 822A39

■ 823744

■ 82444F

■ 825159

■ 825E64

■ 826B6F

■ 82787A

Harmonies

Analogous

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



840042



820319



6F2900

Triad

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



820319



004D0C



004594

Complementary

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



820319



03826C

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.



004D87



820319



004F3B

Square

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



820319



254700



005066



2F348A

Rectangle

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



820319



5B3700



005066



004993

Sweetspot

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



820319



A87780



6B0382



54373C



D4D4D4



545454

Same Dimension

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



820319



A8001D



822B03



40393A



800016



000000

Inverse Universe

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



820319



A8001D



035A82



40393A



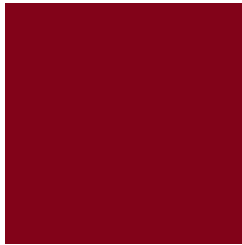
800016



000000

Previews

White Background



This preview shows how the Hex color 820319 looks on a white background.

Color Contrast Check

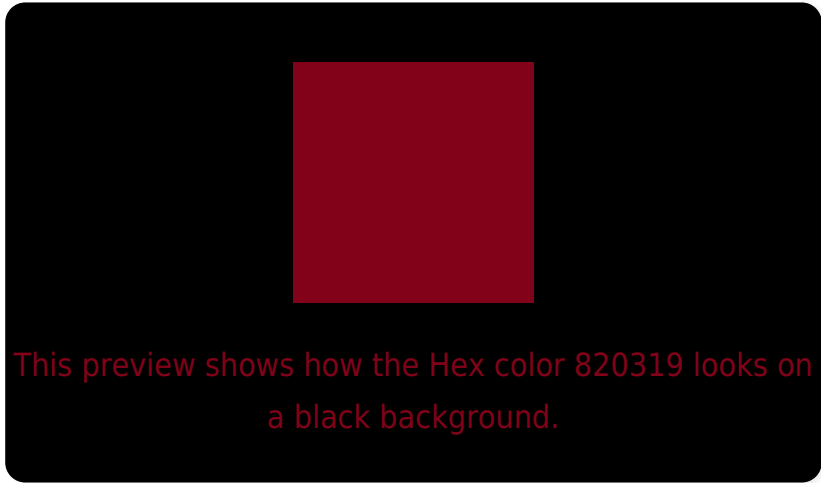
Large Text (above 18pt) WCAG AA ✓ Pass

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 820319 Background



This preview shows how black text looks on a background with the Hex color 820319.



This preview shows how white text looks on a background with the Hex color 820319.

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
820319

Protanopia
484227

Deuteranopia
533E0F



Tritanopia
820B00

Trichromacy



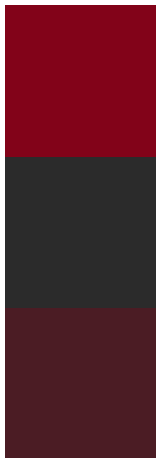
Original Color
820319

Protanomaly
5D2B22

Deuteranomaly
642913

Tritanomaly
820809

Monochromacy



Original Color
820319

Achromatopsia
2B2B2B

Achromatomaly
4B1C24

CSS Examples

Text

The CSS property to change the color of the text to Hex 820319 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 #820319 looks like.

```
.text, #text, p{  
    color:#820319  
}
```

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 #820319 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #820319
}
```

Border

The CSS property to change the border of an element to Hex 820319 is called "border". The border property can be set on classes, ids or directly on the HTML element.

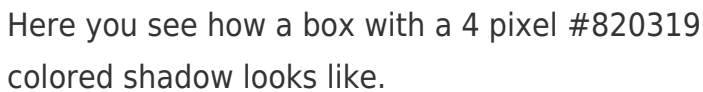
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#820319 }
```

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

```
.border{ border-color:#820319 }
```

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



Here you see how a box with a 4 pixel #820319 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #820319; -webkit-box-shadow:4px 4px  
4px 4px #820319; box-shadow:4px 4px 4px  
4px #820319 }
```

Background

The CSS property to change the background color of an element to Hex 820319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#820319 }
```

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

```
.background{ background-color:#820319 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor