

Converting Colors

Hex(2A081E)

Have a look what the booklet for
Hex(2A081E) contains.

Hex(2A081E)	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(2A081E)

Conversions

Conversions Part 1

Format	Color
Hex	2A081E
RGB	42, 8, 30
RGB Percent	16%, 3%, 12%
CMY	0.8353, 0.9686, 0.8824
CMYK	0.00, 0.81, 0.29, 0.84
HSL	321°, 68%, 10%
HSV	321°, 81%, 16%
XYZ	1.2760, 0.7596, 1.3077
YIQ	20.6740, 13.2020, 14.0500

Conversions

Conversions Part 2

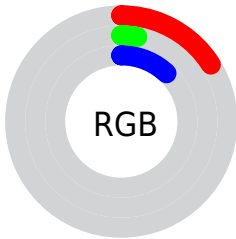
Format	Color
RYB	42, 8, 30
Decimal	2754590
CIELab	6.86, 20.29, -6.38
CIElCh	7, 21.273, 342.536
Yxy	0.7596, 0.3817, 0.2272
Android (android.graphics.Color)	4280944670 (0xFF2A081E)
YUV	20.6740, 4.5977, 18.7029
Hunter-Lab	8.7158, 10.8805, -2.7945

Details

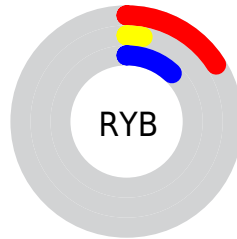
The Hex color **2A081E** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **082A14**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **59344A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A041D**, and if you desaturate by 10%, it is **2A0C1F**.

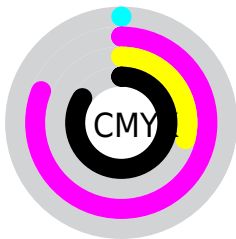
Distribution



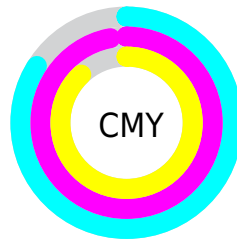
- Red (16%)
- Green (3%)
- Blue (12%)



- Red (16%)
- Yellow (3%)
- Blue (12%)



- Cyan (0%)
- Magenta (81%)
- Yellow (29%)
- Black (84%)



- Cyan (84%)
- Magenta (97%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A081E 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 2A081E by changing the saturation by 10% instead.

 2A081E

 2A081E

 FFE9FF

 100003

 59344A

 000000

 724B61

 8C637A

 A77C94

 C296AF

 DEB1CA

 FBCDE6

 2A081E

 2A081E

■ 2A041D

■ 2A0C1F

■ 2A001B

■ 2A1021

■ 2A1522

■ 2A1924

■ 2A1D25

■ 2A2127

■ 2A2528

■ 2A2A2A

■ 2A2E2B

Harmonies

Analogous

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



1D0F2A



2A081E



2E060E

Triad

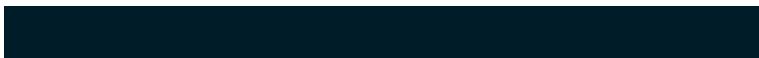
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2A081E



161700



001C28

Complementary

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



2A081E



082A14

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.



001E1B



2A081E



011B00

Square

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



2A081E



231100



001D09



001930

Rectangle

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



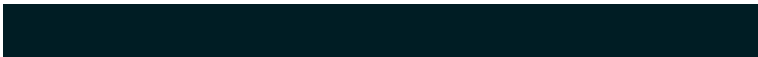
2A081E



2E0900



001D09



001D24

Sweetspot

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



2A081E



362931



14082A



1C1419



9C9C9C



1C1C1C

Same Dimension

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



2A081E



360223



2A080D



141214



540036



D40089

Inverse Universe

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



2A081E



360223



082A25



141214



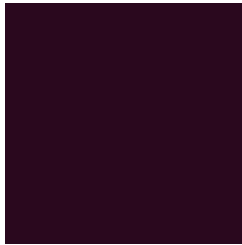
540036



D40089

Previews

White Background



This preview shows how the Hex color 2A081E looks on a white background.

Color Contrast Check

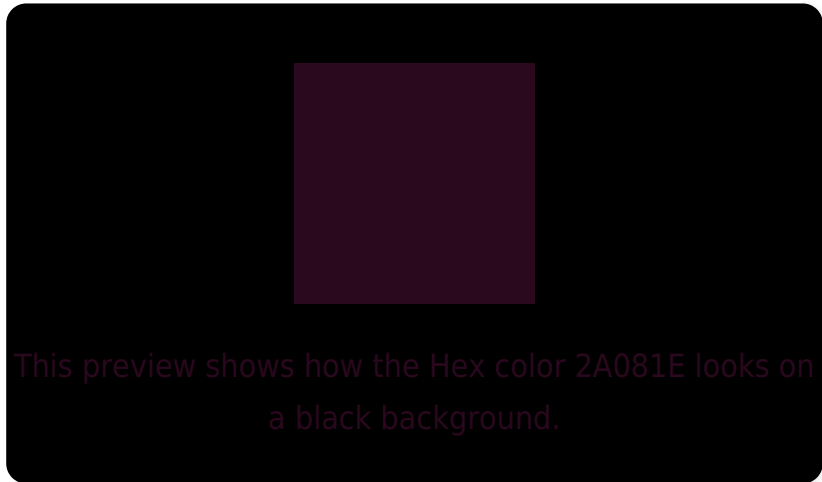
Large Text (above 18pt) WCAG AA ✓ Pass

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

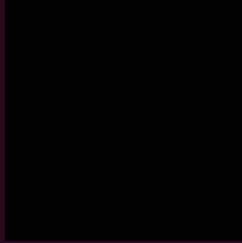
Any Text WCAG AA × Fail

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 2A081E Background



This preview shows how black text looks on a background with the Hex color 2A081E.



This preview shows how white text looks on a background with the Hex color 2A081E.

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](#).

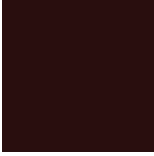
Dichromacy



Original Color
2A081E

Protanopia
0F1729

Deuteranopia
17171C



Tritanopia
290E0E

Trichromacy



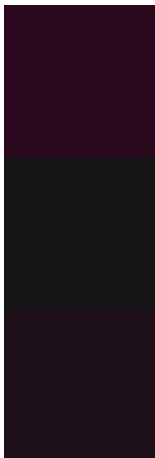
Original Color
2A081E

Protanomaly
191225

Deuteranomaly
1E121D

Tritanomaly
290C14

Monochromacy



Original Color
2A081E

Achromatopsia
151515

Achromatomaly
1D1018

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A081E 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 #2A081E looks like.

```
.text, #text, p{  
    color:#2A081E  
}
```

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 #2A081E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A081E
}
```

Border

The CSS property to change the border of an element to Hex 2A081E is called "border". The border property can be set on classes, ids or directly on the HTML element.

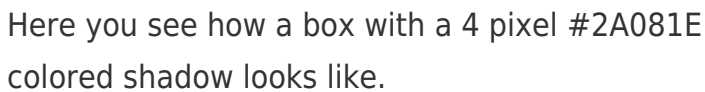
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A081E }
```

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

```
.border{ border-color:#2A081E }
```

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



Here you see how a box with a 4 pixel #2A081E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A081E; -webkit-box-shadow:4px 4px  
4px 4px #2A081E; box-shadow:4px 4px 4px  
4px #2A081E }
```

Background

The CSS property to change the background color of an element to Hex 2A081E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A081E }
```

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

```
.background{ background-color:#2A081E }
```

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