

Converting Colors

Hex(3A081D)

Have a look what the booklet for
Hex(3A081D) contains.

Hex(3A081D)	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(3A081D)

Conversions

Conversions Part 1

Format	Color
Hex	3A081D
RGB	58, 8, 29
RGB Percent	23%, 3%, 11%
CMY	0.7725, 0.9686, 0.8863
CMYK	0.00, 0.86, 0.50, 0.77
HSL	335°, 76%, 13%
HSV	335°, 86%, 23%
XYZ	2.0535, 1.1619, 1.2784
YIQ	25.3440, 23.0590, 17.1310

Conversions

Conversions Part 2

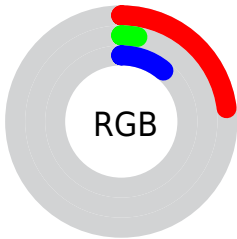
Format	Color
R_{YB}	58, 8, 29
Decimal	3803165
CIE _{Lab}	10.27, 26.01, -0.16
CIE _{LCh}	10, 26.012, 359.651
Yxy	1.1619, 0.4570, 0.2586
Android (android.graphics.Color)	4281993245 (0xFF3A081D)
YUV	25.3440, 1.8024, 28.6393
Hunter-Lab	10.7792, 15.1420, 0.5135




Details

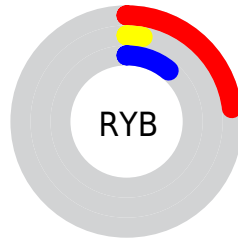
The Hex color **3A081D** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **083A25**, and the grayscale version is **191919**.




A 20% lighter version of the original color is **6C3648**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3A021A**, and if you desaturate by 10%, it is **3A0E20**.

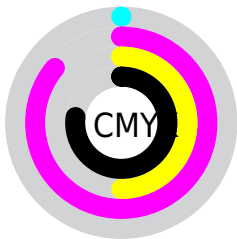
Distribution







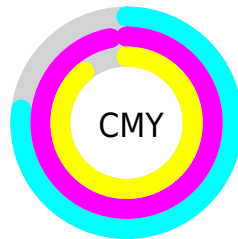
-  Red (23%)
-  Green (3%)
-  Blue (11%)






-  Red (23%)
-  Yellow (3%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (86%)
-  Yellow (50%)
-  Black (77%)



-  Cyan (77%)
-  Magenta (97%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A081D 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 3A081D by changing the saturation by 10% instead.

 3A081D

 3A081D

 FFEEFF

 280003

 6C3648

 000000

 864E60

 A16779

 BD8092

 D99BAD

 F6B6C8

 FFD2E4

 3A081D

 3A081D

■ 3A021A

■ 3A0E20

■ 3A0018

■ 3A1424

■ 3A1927

■ 3A1F2A

■ 3A252E

■ 3A2B31

■ 3A3135

■ 3A3638

■ 3A3C3B

Harmonies

Analogous

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



310E2E



3A081D



3A0B07

Triad

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



3A081D



142000



00223A

Complementary

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



3A081D



083A25

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.



00242D



3A081D



002304

Square

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



3A081D



251B00



00241B



001E3F

Rectangle

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



3A081D



361100



00241B



002337

Sweetspot

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



3A081D



4D3941



24083A



261A1F



A6A6A6



262626

Same Dimension

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



3A081D



4D0020



3A0B08



1C191A



5C0027



DB005C

Inverse Universe

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



3A081D



4D0020



08373A



1C191A



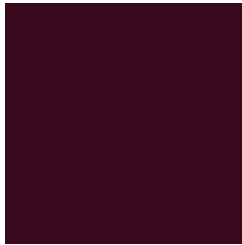
5C0027



DB005C

Previews

White Background



This preview shows how the Hex color 3A081D looks on a white background.

Color Contrast Check

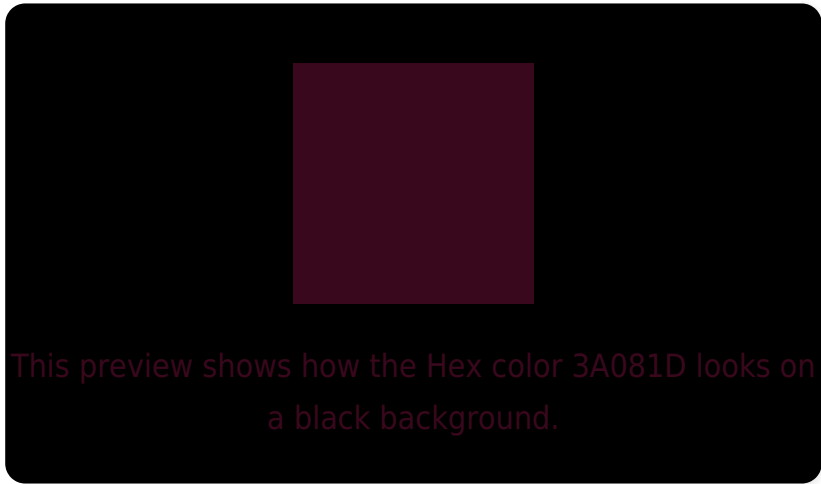
Large Text (above 18pt) WCAG AA ✓ Pass

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

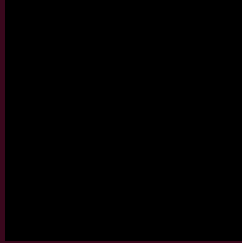
Any Text WCAG AA × Fail

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 3A081D Background



This preview shows how black text looks on a background with the Hex color 3A081D.



This preview shows how white text looks on a background with the Hex color 3A081D.

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](#).

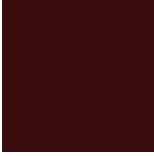
Dichromacy



Original Color
3A081D

Protanopia
1C1E29

Deuteranopia
231E1B



Tritanopia
390D0E

Trichromacy



Original Color
3A081D

Protanomaly
271625

Deuteranomaly
2B161C

Tritanomaly
390B13

Monochromacy



Original Color
3A081D

Achromatopsia
191919

Achromatomaly
25131A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A081D 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 #3A081D looks like.

```
.text, #text, p{  
    color:#3A081D  
}
```

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 #3A081D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A081D
}
```

Border

The CSS property to change the border of an element to Hex 3A081D is called "border". The border property can be set on classes, ids or directly on the HTML element.

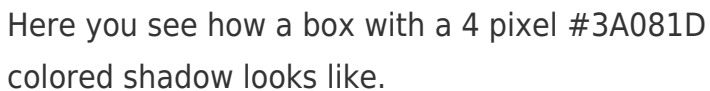
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A081D }
```

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

```
.border{ border-color:#3A081D }
```

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



Here you see how a box with a 4 pixel #3A081D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A081D; -webkit-box-shadow:4px 4px  
4px 4px #3A081D; box-shadow:4px 4px 4px  
4px #3A081D }
```

Background

The CSS property to change the background color of an element to Hex 3A081D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A081D }
```

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

```
.background{ background-color:#3A081D }
```

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