

Converting Colors

Hex(31082D)

Have a look what the booklet for
Hex(31082D) contains.

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Color

Hex(31082D)

Conversions

Conversions Part 1

Format	Color
Hex	31082D
RGB	49, 8, 45
RGB Percent	19%, 3%, 18%
CMY	0.8078, 0.9686, 0.8235
CMYK	0.00, 0.84, 0.08, 0.81
HSL	306°, 72%, 11%
HSV	306°, 84%, 19%
XYZ	1.8271, 1.0161, 2.5824
YIQ	24.4770, 12.5590, 20.1990

Conversions

Conversions Part 2

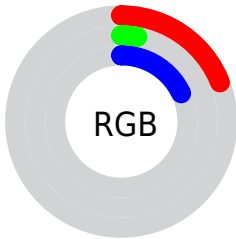
Format	Color
R_{YB}	49, 8, 45
Decimal	3213357
CIE _{Lab}	9.12, 25.64, -14.14
CIE _{LCh}	9, 29.286, 331.121
Yxy	1.0161, 0.3368, 0.1873
Android (android.graphics.Color)	4281403437 (0xFF31082D)
YUV	24.4770, 10.1178, 21.5067
Hunter-Lab	10.0802, 14.7143, -8.1335

Details

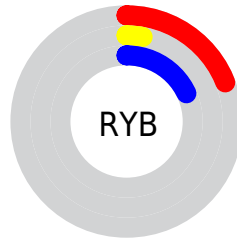
The Hex color **31082D** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **08310C**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **61355B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **31032D**, and if you desaturate by 10%, it is **310D2D**.

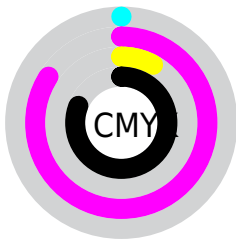
Distribution



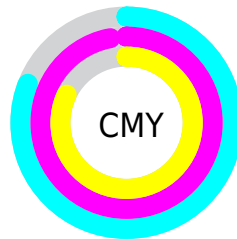
- Red (19%)
- Green (3%)
- Blue (18%)



- Red (19%)
- Yellow (3%)
- Blue (18%)



- Cyan (0%)
- Magenta (84%)
- Yellow (8%)
- Black (81%)



- Cyan (81%)
- Magenta (97%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31082D 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 31082D by changing the saturation by 10% instead.

 31082D

 31082D

 FFECFF

 1E0019

 61355B

 000000

 7A4D74

 95668D


 B07FA8

 CB99C3

 E8B4DF

 FFD0FB

 31082D

 31082D

■ 31032D

■ 310D2D

■ 31002C

■ 31122E

■ 31172E

■ 311C2F

■ 31212F

■ 312530

■ 312A30

■ 312F31

■ 313431

Harmonies

Analogous

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



18143C



31082D



3B011A

Triad

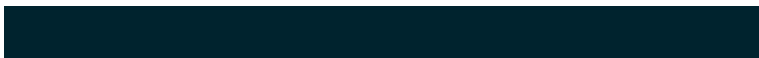
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



31082D



211900



00232E

Complementary

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



31082D



08310C

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.



00231A



31082D



0C1E00

Square

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



31082D



301100



002200



00213C

Rectangle

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



31082D



3B0309



002200



002327

Sweetspot

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



31082D



40303E



0B0831



211720



A1A1A1



212121

Same Dimension

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



31082D



40003A



310819



1A1719



590051



D900C4

Inverse Universe

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



31082D



40003A



083120



1A1719



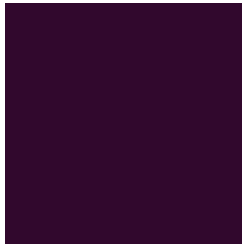
590051



D900C4

Previews

White Background



This preview shows how the Hex color 31082D looks on a white background.

Color Contrast Check

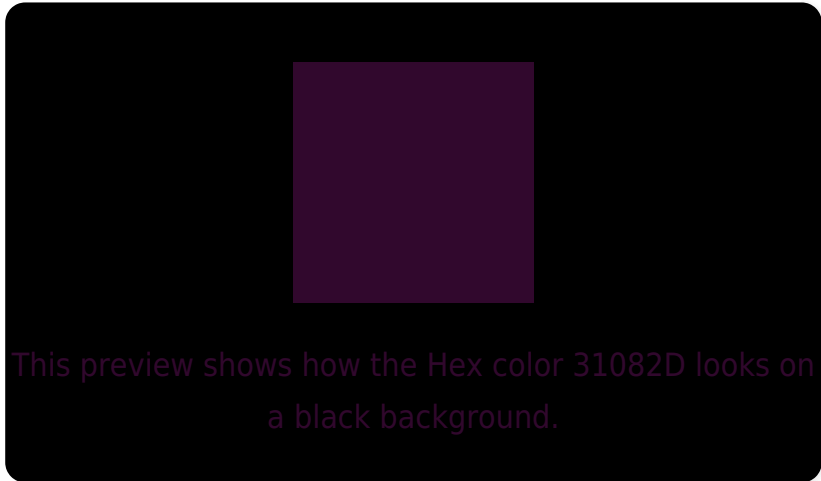
Large Text (above 18pt) WCAG AA ✓ Pass

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

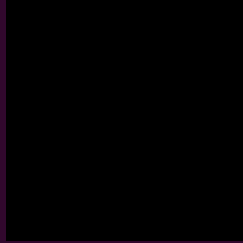
Any Text WCAG AA × Fail

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 31082D Background



This preview shows how black text looks on a background with the Hex color 31082D.



This preview shows how white text looks on a background with the Hex color 31082D.

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](#).

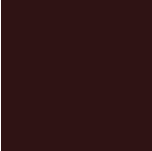
Dichromacy



Original Color
31082D

Protanopia
001B3A

Deuteranopia
151C2A



Tritanopia
2F1314

Trichromacy



Original Color
31082D

Protanomaly
121435

Deuteranomaly
1F152B

Tritanomaly
300F1D

Monochromacy



Original Color
31082D

Achromatopsia
181818

Achromatomaly
211220

CSS Examples

Text

The CSS property to change the color of the text to Hex 31082D 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 #31082D looks like.

```
.text, #text, p{  
    color:#31082D  
}
```

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 #31082D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31082D
}
```

Border

The CSS property to change the border of an element to Hex 31082D is called "border". The border property can be set on classes, ids or directly on the HTML element.

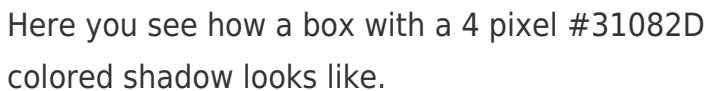
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#31082D }
```

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

```
.border{ border-color:#31082D }
```

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



Here you see how a box with a 4 pixel #31082D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31082D; -webkit-box-shadow:4px 4px  
4px 4px #31082D; box-shadow:4px 4px 4px  
4px #31082D }
```

Background

The CSS property to change the background color of an element to Hex 31082D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31082D }
```

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

```
.background{ background-color:#31082D }
```

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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