

Converting Colors

Hex(3A1D33)

Have a look what the booklet for
Hex(3A1D33) contains.

Hex(3A1D33)	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(3A1D33)

Conversions

Conversions Part 1

Format	Color
Hex	3A1D33
RGB	58, 29, 51
RGB Percent	23%, 11%, 20%
CMY	0.7725, 0.8863, 0.8000
CMYK	0.00, 0.50, 0.12, 0.77
HSL	314°, 33%, 17%
HSV	314°, 50%, 23%
XYZ	2.7818, 2.0173, 3.3747
YIQ	40.1790, 10.2220, 12.9900

Conversions

Conversions Part 2

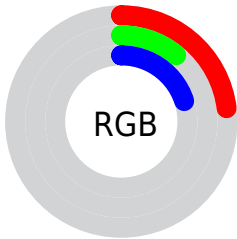
Format	Color
RYB	58, 29, 51
Decimal	3808563
CIELab	15.58, 17.98, -8.38
CIELCh	16, 19.834, 335.009
Yxy	2.0173, 0.3403, 0.2468
Android (android.graphics.Color)	4281998643 (0xFF3A1D33)
YUV	40.1790, 5.3348, 15.6290
Hunter-Lab	14.2031, 10.1056, -4.1454

Details

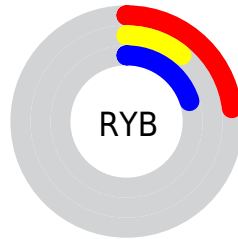
The Hex color **3A1D33** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1D3A24**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **6A4A61**, and **000002** is the 20% darker color. If you saturate the color by 10%, you get **3A1732**, and if you desaturate by 10%, it is **3A2334**.

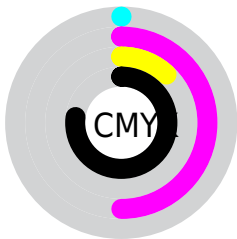
Distribution



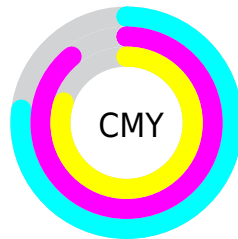
- Red (23%)
- Green (11%)
- Blue (20%)



- Red (23%)
- Yellow (11%)
- Blue (20%)



- Cyan (0%)
- Magenta (50%)
- Yellow (12%)
- Black (77%)



- Cyan (77%)
- Magenta (89%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A1D33 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 3A1D33 by changing the saturation by 10% instead.

■ 3A1D33

■ 3A1D33

FFFFFF

■ 24071E

■ 6A4A61

■ 000002

■ 84627A

■ 000000

■ 9E7B94

■ B995AF

■ D5AFCA

■ F1CBE6

■ FFE7FF

■ 3A1D33

■ 3A1D33

■ 3A1732

■ 3A2334

■ 3A1130

■ 3A2936

■ 3A0C2F

■ 3A2E37

■ 3A062D

■ 3A3439

■ 3A002C

■ 3A3A3A

■ 3A403B

■ 3A463D

■ 3A4B3E

■ 3A5140

Harmonies

Analogous

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



2B223E



3A1D33



411B25

Triad

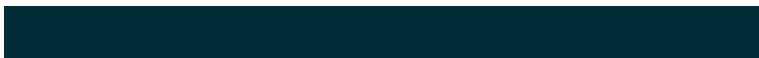
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3A1D33



2D2707



002D37

Complementary

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



3A1D33



1D3A24

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.



002E29



3A1D33



1E2B0E

Square

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



3A1D33



38220C



0A2D1B



002B40

Rectangle

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



3A1D33



411C1C



0A2D1B



002E32

Sweetspot

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



3A1D33



4D414A



241D3A



261F25



A6A6A6



262626

Same Dimension

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



3A1D33



4D1F41



3A1D25



1C191B



5C0046



DB00A6

Inverse Universe

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



3A1D33



4D1F41



1D3A32



1C191B



5C0046



DB00A6

Previews

White Background



This preview shows how the Hex color 3A1D33 looks on a white background.

Color Contrast Check

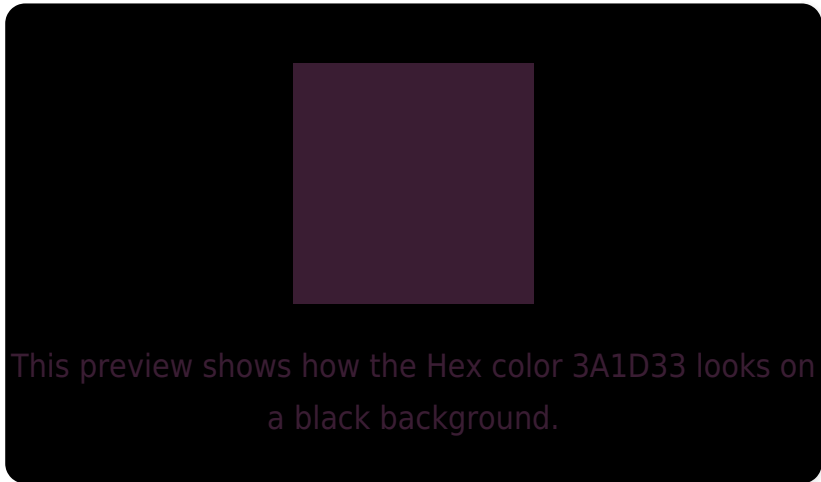
Large Text (above 18pt) WCAG AA ✓ Pass

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

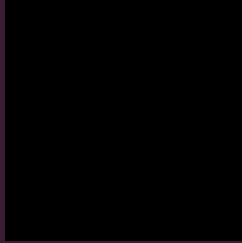
Any Text WCAG AA × Fail

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 3A1D33 Background



This preview shows how black text looks on a background with the Hex color 3A1D33.



This preview shows how white text looks on a background with the Hex color 3A1D33.

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
3A1D33

Protanopia
21273B

Deuteranopia
262731



Tritanopia
382123

Trichromacy



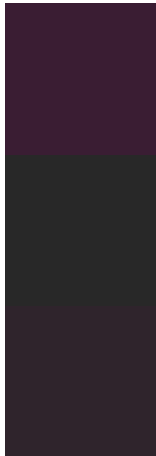
Original Color
3A1D33

Protanomaly
2A2338

Deuteranomaly
2D2332

Tritanomaly
392029

Monochromacy



Original Color
3A1D33

Achromatopsia
282828

Achromatomaly
2F242C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A1D33 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 #3A1D33 looks like.

```
.text, #text, p{  
    color:#3A1D33  
}
```

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 #3A1D33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A1D33
}
```

Border

The CSS property to change the border of an element to Hex 3A1D33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

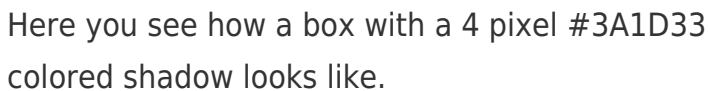
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A1D33 }
```

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

```
.border{ border-color:#3A1D33 }
```

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



Here you see how a box with a 4 pixel #3A1D33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A1D33; -webkit-box-shadow:4px 4px  
4px 4px #3A1D33; box-shadow:4px 4px 4px  
4px #3A1D33 }
```

Background

The CSS property to change the background color of an element to Hex 3A1D33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A1D33 }
```

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

```
.background{ background-color:#3A1D33 }
```

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