

# Converting Colors

Hex(3A001D)

Have a look what the booklet for  
Hex(3A001D) contains.

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**Color**

**Hex(3A001D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A001D
RGB	58, 0, 29
RGB Percent	23%, 0%, 11%
CMY	0.7725, 1.0000, 0.8863
CMYK	0.00, 1.00, 0.50, 0.77
HSL	330°, 100%, 11%
HSV	330°, 100%, 23%
XYZ	1.9667, 0.9882, 1.2495
YIQ	20.6480, 25.2590, 21.3150

# Conversions

## Conversions Part 2

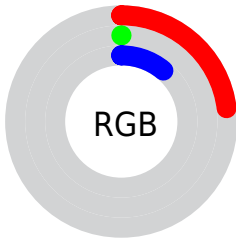
Format	Color
<b>R<sub>YB</sub></b>	<b>58, 0, 29</b>
Decimal	3801117
CIE Lab	8.89, 29.97, -2.19
CIE LCh	9, 30.050, 355.816
Yxy	0.9882, 0.4678, 0.2350
Android (android.graphics.Color)	4281991197 (0xFF3A001D)
YUV	20.6480, 4.1175, 32.7577
Hunter-Lab	9.9411, 17.9167, -0.4934

# Details

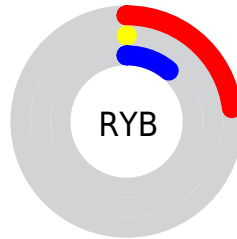
The Hex color **3A001D** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **003A1D**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **6D3048**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3A001D**, and if you desaturate by 10%, it is **3A0620**.

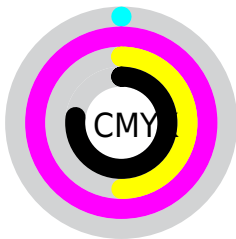
# Distribution



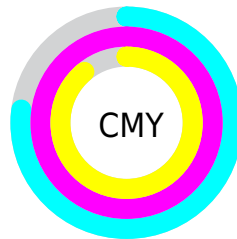
- Red (23%)
- Green (0%)
- Blue (11%)



- Red (23%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (77%)



- Cyan (77%)
- Magenta (100%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A001D 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 3A001D by changing the saturation by 10% instead.



 3A001D

 3A001D

 FFE7FF

 270002

 6D3048

 000000

 874860

 A26079

 BE7A92

 DA94AD

 F7AFC8

 FFCBE4

 3A001D

■ 3A0620

■ 3A0C23

■ 3A1126

■ 3A1729

■ 3A1D2C

■ 3A232E

■ 3A2931

■ 3A2E34

■ 3A3437

# Harmonies

## Analogous

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



2E0930



3A001D



3B0202

# Triad

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



3A001D



0F1D00



00213B

# Complementary

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



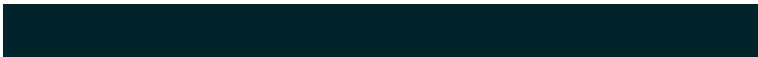
3A001D



003A1D

# 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.



00232A



3A001D



002100

# Square

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



3A001D



231800



002316



001D42

# Rectangle

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



3A001D



360A00



002316



002236



# Sweetspot

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



3A001D



4D3641



1D003A



26181F



A6A6A6



262626



# Same Dimension

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



3A001D



4D0026



3A0000



1C191B



5C002E



DB006E



# Inverse Universe

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



3A001D



4D0026



003A3A



1C191B



5C002E

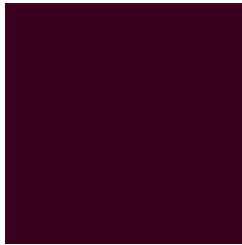


DB006E



# Previews

## White Background



This preview shows how the Hex color 3A001D looks on a white background.

## Color Contrast Check

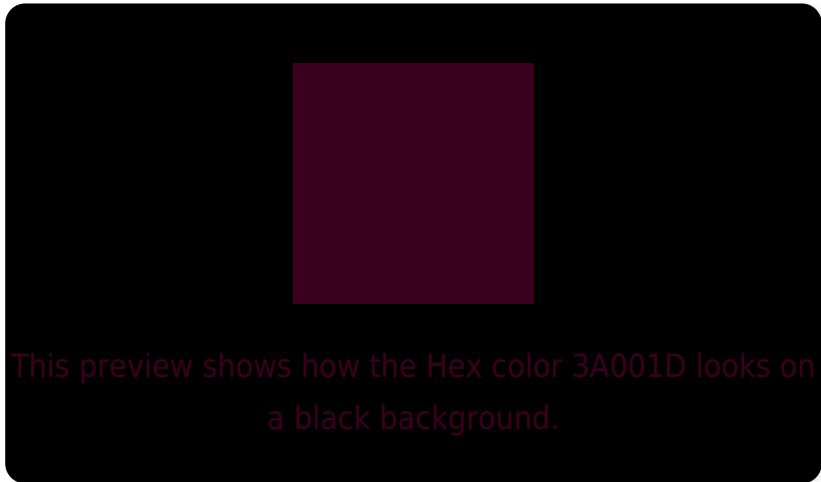
Large Text (above 18pt) WCAG AA ✓ Pass

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

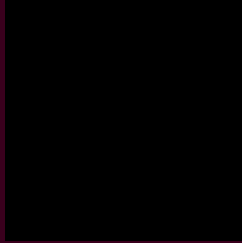
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3A001D Background



This preview shows how black text looks on a background with the Hex color 3A001D.



This preview shows how white text looks on a background with the Hex color 3A001D.

# 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**  
3A001D

**Protanopia**  
1B1E2A

**Deuteranopia**  
221D1B



# Trichromacy



**Original Color**  
3A001D

**Protanomaly**  
261325

**Deuteranomaly**  
2B121C

**Tritanomaly**  
390812

# Monochromacy



**Original Color**  
3A001D

**Achromatopsia**  
151515

**Achromatomaly**  
220D18

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A001D 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 #3A001D looks like.

```
.text, #text, p{  
    color:#3A001D  
}
```

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 #3A001D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A001D
}
```

## Border

The CSS property to change the border of an element to Hex 3A001D is called "border". The border property can be set on classes, ids or directly on the HTML element.

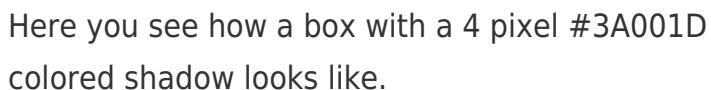
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A001D }
```

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

```
.border{ border-color:#3A001D }
```

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



Here you see how a box with a 4 pixel #3A001D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A001D; -webkit-box-shadow:4px 4px  
4px 4px #3A001D; box-shadow:4px 4px 4px  
4px #3A001D }
```

# Background

The CSS property to change the background color of an element to Hex 3A001D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A001D }
```

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

```
.background{ background-color:#3A001D }
```

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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