

Converting Colors

Hex(3A002F)

Have a look what the booklet for
Hex(3A002F) contains.

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Color

Hex(3A002F)

Conversions

Conversions Part 1

Format	Color
Hex	3A002F
RGB	58, 0, 47
RGB Percent	23%, 0%, 18%
CMY	0.7725, 1.0000, 0.8157
CMYK	0.00, 1.00, 0.19, 0.77
HSL	311°, 100%, 11%
HSV	311°, 100%, 23%
XYZ	2.2580, 1.1048, 2.7836
YIQ	22.7000, 19.4810, 26.9130

Conversions

Conversions Part 2

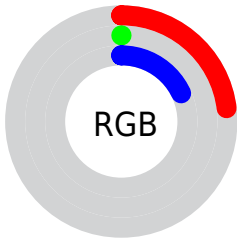
Format	Color
R_{YB}	58, 0, 47
Decimal	3801135
CIE Lab	9.84, 32.38, -14.37
CIE LCh	10, 35.424, 336.061
Yxy	1.1048, 0.3674, 0.1797
Android (android.graphics.Color)	4281991215 (0xFF3A002F)
YUV	22.7000, 11.9799, 30.9581
Hunter-Lab	10.5108, 19.9527, -8.3440

Details

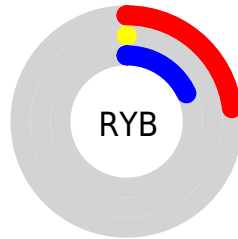
The Hex color **3A002F** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **003A0B**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **6C315D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3A002F**, and if you desaturate by 10%, it is **3A0630**.

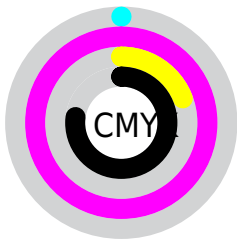
Distribution



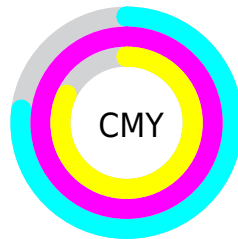
- Red (23%)
- Green (0%)
- Blue (18%)



- Red (23%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (19%)
- Black (77%)



- Cyan (77%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A002F 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 3A002F by changing the saturation by 10% instead.

 3A002F

 3A002F

 FFE9FF

 27001B

 6C315D

 000000

 864976

 A16290

 BC7BAA

 D996C5

 F6B1E1

 FFCDFE

 3A002F

■ 3A0630

■ 3A0C31

■ 3A1132

■ 3A1733

■ 3A1D35

■ 3A2336

■ 3A2937

■ 3A2E38

■ 3A3439

Harmonies

Analogous

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



1F1242



3A002F



430017

Triad

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



3A002F



1F1C00



002637

Complementary

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



3A002F



003A0B

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.



00261F



3A002F



002200

Square

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



3A002F



321200



002500



002347

Rectangle

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



3A002F



420000



002500



002630

Sweetspot

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



3A002F



4D3648



0B003A



261824



A6A6A6



262626

Same Dimension

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



3A002F



4D003E



3A0012



1C191C



5C004A



DB00B2

Inverse Universe

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



3A002F



4D003E



003A28



1C191C



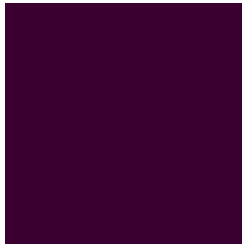
5C004A



DB00B2

Previews

White Background



This preview shows how the Hex color 3A002F looks on a white background.

Color Contrast Check

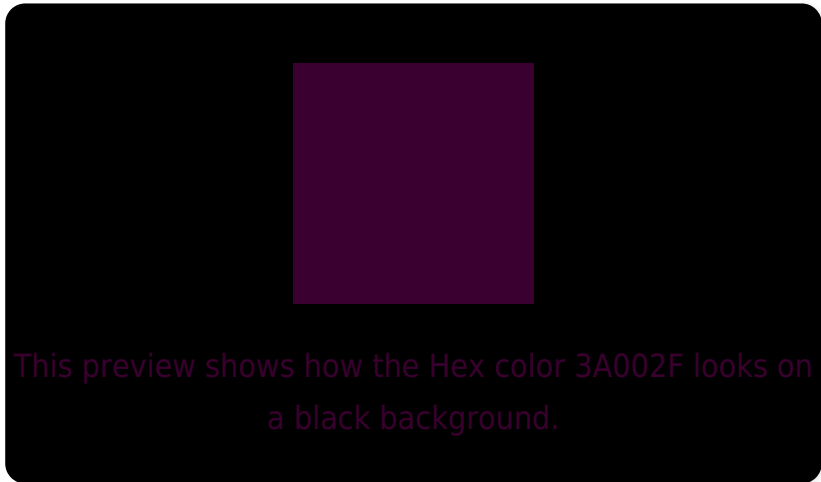
Large Text (above 18pt) WCAG AA ✓ Pass

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

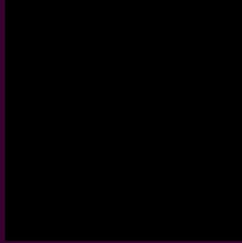
Any Text WCAG AA × Fail

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 3A002F Background



This preview shows how black text looks on a background with the Hex color 3A002F.



This preview shows how white text looks on a background with the Hex color 3A002F.

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
3A002F

Protanopia
001F41

Deuteranopia
1C1F2C



Tritanopia
381314

Trichromacy



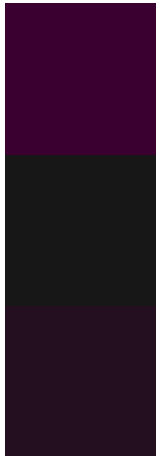
Original Color
3A002F

Protanomaly
15143A

Deuteranomaly
27142D

Tritanomaly
390C1E

Monochromacy



Original Color
3A002F

Achromatopsia
171717

Achromatomaly
240F20

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A002F 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 #3A002F looks like.

```
.text, #text, p{  
    color:#3A002F  
}
```

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 #3A002F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A002F
}
```

Border

The CSS property to change the border of an element to Hex 3A002F is called "border". The border property can be set on classes, ids or directly on the HTML element.

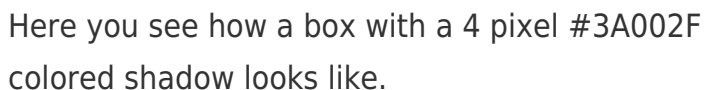
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A002F }
```

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

```
.border{ border-color:#3A002F }
```

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



Here you see how a box with a 4 pixel #3A002F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A002F; -webkit-box-shadow:4px 4px  
4px 4px #3A002F; box-shadow:4px 4px 4px  
4px #3A002F }
```

Background

The CSS property to change the background color of an element to Hex 3A002F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A002F }
```

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

```
.background{ background-color:#3A002F }
```

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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