

# Converting Colors

Hex(29003A)

Have a look what the booklet for  
Hex(29003A) contains.

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**Color**

**Hex(29003A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	29003A
RGB	41, 0, 58
RGB Percent	16%, 0%, 23%
CMY	0.8392, 1.0000, 0.7725
CMYK	0.29, 1.00, 0.00, 0.77
HSL	282°, 100%, 11%
HSV	282°, 100%, 23%
XYZ	1.6782, 0.7769, 4.0645
YIQ	18.8710, 5.8180, 26.7300

# Conversions

## Conversions Part 2

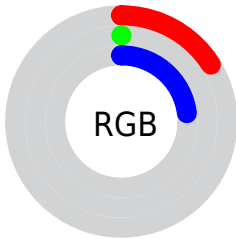
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 0, 58
Decimal	2687034
CIELab	7.02, 30.98, -27.16
CIELCh	7, 41.199, 318.767
Yxy	0.7769, 0.2574, 0.1192
Android (android.graphics.Color)	4280877114 (0xFF29003A)
YUV	18.8710, 19.2906, 19.4071
Hunter-Lab	8.8142, 18.5604, -21.1704

# Details

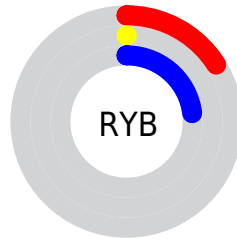
The Hex color **29003A** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **113A00**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **592E6A**, and **00000C** is the 20% darker color. If you saturate the color by 10%, you get **29003A**, and if you desaturate by 10%, it is **2B063A**.

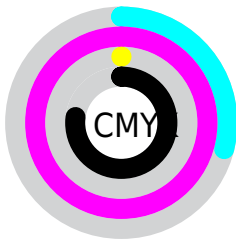
# Distribution



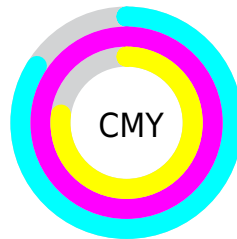
- Red (16%)
- Green (0%)
- Blue (23%)



- Red (16%)
- Yellow (0%)
- Blue (23%)



- Cyan (29%)
- Magenta (100%)
- Yellow (0%)
- Black (77%)



- Cyan (84%)
- Magenta (100%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 29003A 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 29003A by changing the saturation by 10% instead.



 29003A

 29003A

 FFE3FF

 120024

 592E6A

 00000C

 734583

 000000

 8D5E9D

 A877B9

 C491D4

 E0ACF1

 FDC7FF

 29003A

■ 2B063A

■ 2C0C3A

■ 2E113A

■ 30173A

■ 321D3A

■ 33233A

■ 35293A

■ 372E3A

■ 38343A

# Harmonies

## Analogous

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



00144A



29003A



3E0021

# Triad

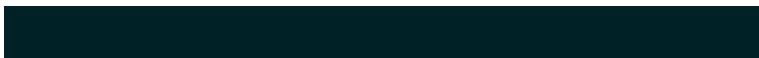
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29003A



251100



002126

# Complementary

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



29003A



113A00

# 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.



002005



29003A



051A00

# Square

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



29003A



370000



002000



00223F

# Rectangle

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



29003A



41000D



002000



00211D



# Sweetspot

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



29003A



46364D



00113A



221826



A6A6A6



262626



# Same Dimension

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



29003A



36004D



3A002E



1B191C



41005C



9B00DB



# Inverse Universe

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



3A0011



4D0016



003A0C



1C191A



5C001B

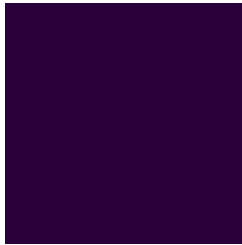


DB0040



# Previews

## White Background



This preview shows how the Hex color 29003A looks on a white background.

## Color Contrast Check

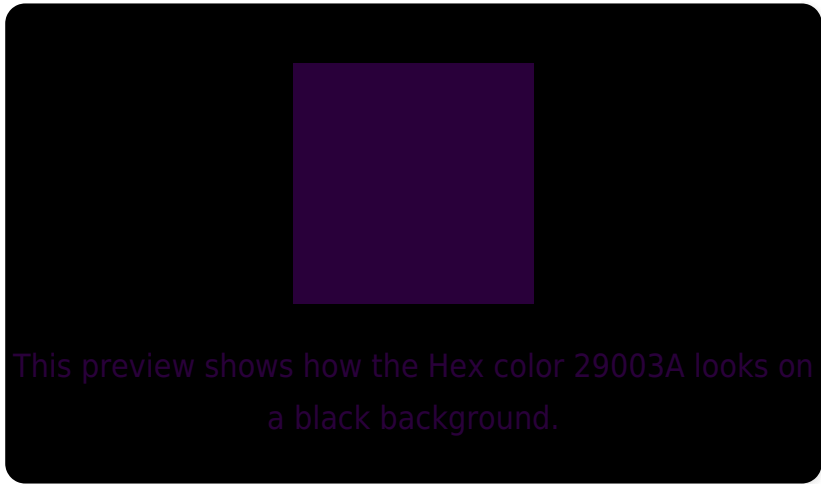
Large Text (above 18pt) WCAG AA ✓ Pass

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

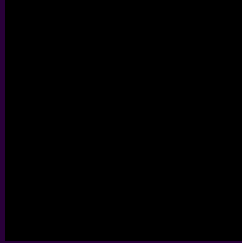
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 29003A Background



This preview shows how black text looks on a background with the Hex color 29003A.



This preview shows how white text looks on a background with the Hex color 29003A.

# 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**  
29003A

**Protanopia**  
001935

**Deuteranopia**  
001B2E



**Tritanopia**  
231718

# Trichromacy



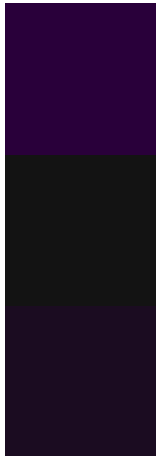
**Original Color**  
29003A

**Protanomaly**  
0F1037

**Deuteranomaly**  
0F1132

**Tritanomaly**  
250F24

# Monochromacy



**Original Color**  
29003A

**Achromatopsia**  
131313

**Achromatomaly**  
1B0C21

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 29003A 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 #29003A looks like.

```
.text, #text, p{  
    color:#29003A  
}
```

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 #29003A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29003A
}
```

## Border

The CSS property to change the border of an element to Hex 29003A is called "border". The border property can be set on classes, ids or directly on the HTML element.

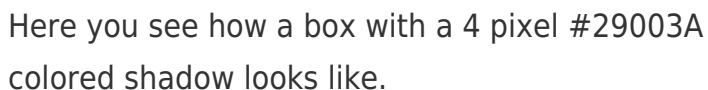
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#29003A }
```

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

```
.border{ border-color:#29003A }
```

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



Here you see how a box with a 4 pixel #29003A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29003A; -webkit-box-shadow:4px 4px  
4px 4px #29003A; box-shadow:4px 4px 4px  
4px #29003A }
```

# Background

The CSS property to change the background color of an element to Hex 29003A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29003A }
```

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

```
.background{ background-color:#29003A }
```

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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