

Converting Colors

Hex(29003C)

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

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Color

Hex(29003C)

Conversions

Conversions Part 1

Format	Color
Hex	29003C
RGB	41, 0, 60
RGB Percent	16%, 0%, 24%
CMY	0.8392, 1.0000, 0.7647
CMYK	0.32, 1.00, 0.00, 0.76
HSL	281°, 100%, 12%
HSV	281°, 100%, 24%
XYZ	1.7301, 0.7977, 4.3377
YIQ	19.0990, 5.1760, 27.3520

Conversions

Conversions Part 2

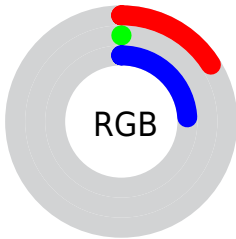
Format	Color
RYB	41, 0, 60
Decimal	2687036
CIELab	7.21, 31.50, -28.30
CIElCh	7, 42.347, 318.068
Yxy	0.7977, 0.2520, 0.1162
Android (android.graphics.Color)	4280877116 (0xFF29003C)
YUV	19.0990, 20.1642, 19.2072
Hunter-Lab	8.9312, 18.9477, -22.5444

Details

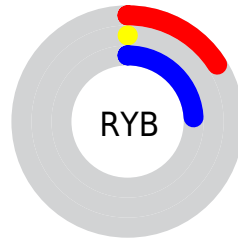
The Hex color **29003C** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **133C00**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **5A2E6C**, and **00010F** is the 20% darker color. If you saturate the color by 10%, you get **29003C**, and if you desaturate by 10%, it is **2B063C**.

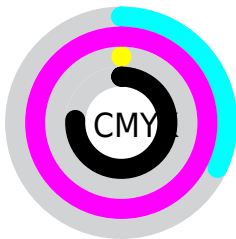
Distribution



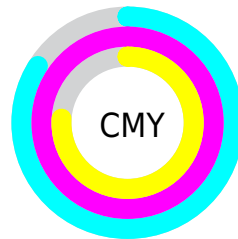
- Red (16%)
- Green (0%)
- Blue (24%)



- Red (16%)
- Yellow (0%)
- Blue (24%)



- Cyan (32%)
- Magenta (100%)
- Yellow (0%)
- Black (76%)



- Cyan (84%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients

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


 29003C

 29003C

 FFE4FF

 130026

 5A2E6C

 00010F

 734586

 000000

 8D5EA0

 A877BB

 C491D7

 E0ACF3

 FDC7FF

 29003C

■ 2B063C

■ 2D0C3C

■ 2F123C

■ 31183C

■ 331E3C

■ 34243C

■ 362A3C

■ 38303C

■ 3A363C

Harmonies

Analogous

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



00144D



29003C



3F0022

Triad

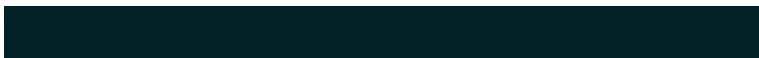
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29003C



261100



002227

Complementary

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



29003C



133C00

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.



002104



29003C



061B00

Square

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



29003C



380000



002100



002240

Rectangle

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



29003C



43000E



002100



00211D

Sweetspot

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



29003C



48374F



00133C



241A29



A8A8A8



292929

Same Dimension

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



29003C



36004F



3C0031



1E1C1F



40005E



9800DE

Inverse Universe

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



3C0013



4F0019



003C0B



1F1C1D



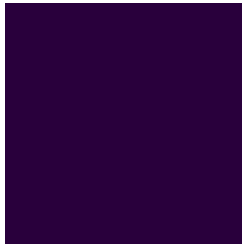
5E001E



DE0046

Previews

White Background



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

Color Contrast Check

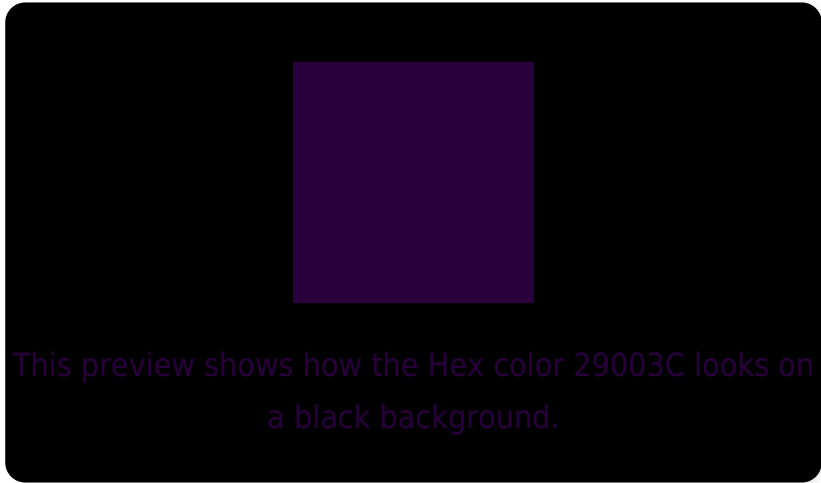
Large Text (above 18pt) WCAG AA ✓ Pass

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

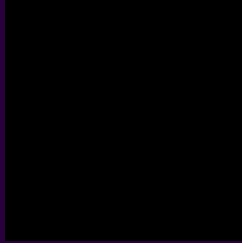
Any Text WCAG AA × Fail

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 29003C Background



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



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

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
29003C

Protanopia
001A36

Deuteranopia
001B2F



Tritanopia
231719

Trichromacy



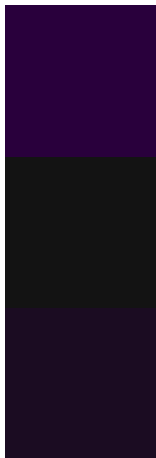
Original Color
29003C

Protanomaly
0F1138

Deuteranomaly
0F1134

Tritanomaly
250F26

Monochromacy



Original Color
29003C

Achromatopsia
131313

Achromatomaly
1B0C22

CSS Examples

Text

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

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

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 #29003C colored shadow looks like.

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

Border

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

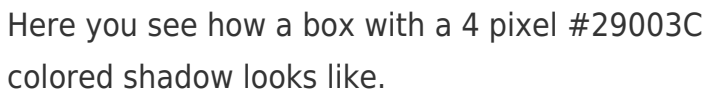
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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