

# Converting Colors

Hex(29012E)

Have a look what the booklet for  
Hex(29012E) contains.

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# Color

**Hex(29012E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	29012E
RGB	41, 1, 46
RGB Percent	16%, 0%, 18%
CMY	0.8392, 0.9961, 0.8196
CMYK	0.11, 0.98, 0.00, 0.82
HSL	293°, 96%, 9%
HSV	293°, 98%, 18%
XYZ	1.4184, 0.6904, 2.6433
YIQ	18.0900, 9.3950, 22.4750

# Conversions

## Conversions Part 2

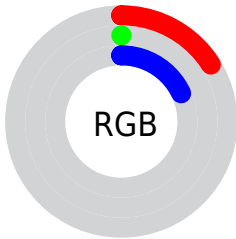
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 1, 46
Decimal	2687278
CIE Lab	6.24, 27.26, -19.57
CIE LCh	6, 33.555, 324.318
Yxy	0.6904, 0.2985, 0.1453
Android (android.graphics.Color)	4280877358 (0xFF29012E)
YUV	18.0900, 13.7596, 20.0921
Hunter-Lab	8.3089, 15.9318, -13.0453

# Details

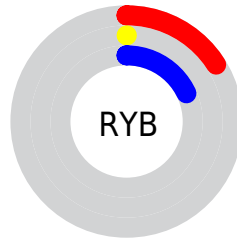
The Hex color **29012E** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **062E01**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **582E5C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **29002E**, and if you desaturate by 10%, it is **2A062E**.

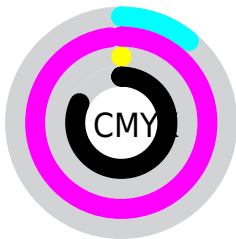
# Distribution



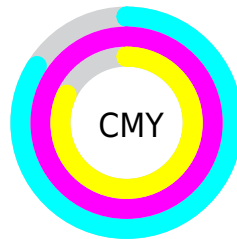
- Red (16%)
- Green (0%)
- Blue (18%)



- Red (16%)
- Yellow (0%)
- Blue (18%)



- Cyan (11%)
- Magenta (98%)
- Yellow (0%)
- Black (82%)



- Cyan (84%)
- Magenta (100%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 29012E 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 29012E by changing the saturation by 10% instead.



 29012E

 29012E

 FFE3FF

 0D0019

 582E5C

 000000

 714575

 8B5E8F

 A677A9

 C291C5

 DEACE1

 FBC7FD

 29012E

 29012E

■ 29002E

■ 2A062E

■ 2A0A2E

■ 2B0F2E

■ 2B132E

■ 2C182E

■ 2C1D2E

■ 2D212E

■ 2D262E

■ 2E2A2E

# Harmonies

## Analogous

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



00103D



29012E



370019

# Triad

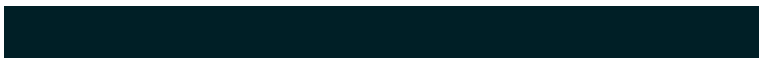
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29012E



1E1100



001F26

# Complementary

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



29012E



062E01

# 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.



001E0D



29012E



001900

# Square

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



29012E



2E0500



001E00



001E38

# Rectangle

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



29012E



390004



001E00



001F1E



# Sweetspot

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



29012E



392A3B



01062E



1D141F



9E9E9E



1F1F1F



# Same Dimension

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



29012E



34003B



2E011D



171517



4D0057



BE00D6



# Inverse Universe

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



2E0106



3B0007



012E12



171515



57000A

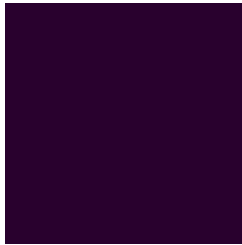


D60018



# Previews

## White Background



This preview shows how the Hex color 29012E looks on a white background.

## Color Contrast Check

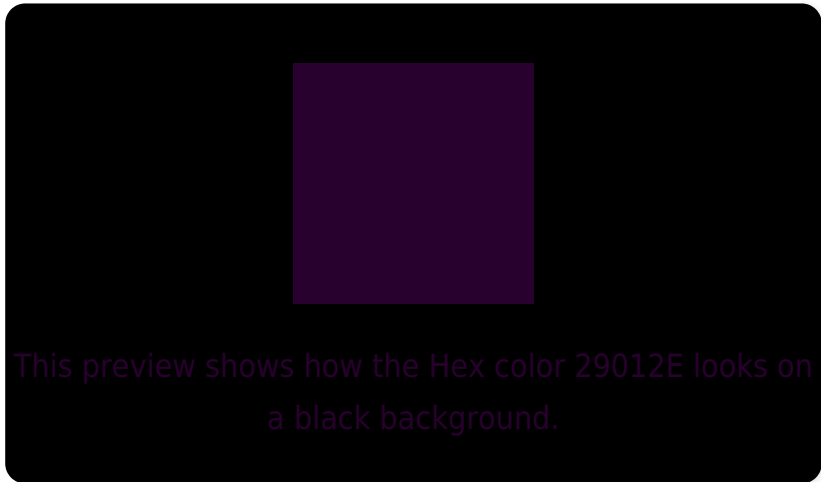
Large Text (above 18pt) WCAG AA ✓ Pass

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

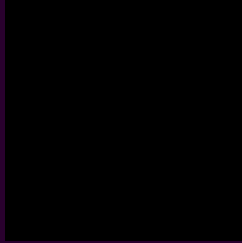
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 29012E Background



This preview shows how black text looks on a background with the Hex color 29012E.



This preview shows how white text looks on a background with the Hex color 29012E.

# 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**  
29012E

**Protanopia**  
001731

**Deuteranopia**  
06192B



**Tritanopia**  
261213

# Trichromacy



**Original Color**  
29012E

**Protanomaly**  
0F0F30

**Deuteranomaly**  
13102C

**Tritanomaly**  
270C1D

# Monochromacy



**Original Color**  
29012E

**Achromatopsia**  
121212

**Achromatomaly**  
1A0C1C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 29012E 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 #29012E looks like.

```
.text, #text, p{  
    color:#29012E  
}
```

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 #29012E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29012E
}
```

## Border

The CSS property to change the border of an element to Hex 29012E is called "border". The border property can be set on classes, ids or directly on the HTML element.

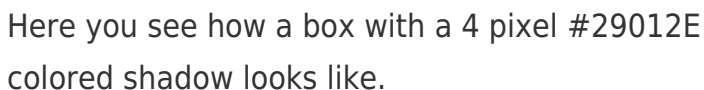
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#29012E }
```

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

```
.border{ border-color:#29012E }
```

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



Here you see how a box with a 4 pixel #29012E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29012E; -webkit-box-shadow:4px 4px  
4px 4px #29012E; box-shadow:4px 4px 4px  
4px #29012E }
```

# Background

The CSS property to change the background color of an element to Hex 29012E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29012E }
```

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

```
.background{ background-color:#29012E }
```

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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