

# Converting Colors

Hex(29314C)

Have a look what the booklet for  
Hex(29314C) contains.

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# Color

Hex(29314C)

# Conversions

## Conversions Part 1

Format	Color
Hex	29314C
RGB	41, 49, 76
RGB Percent	16%, 19%, 30%
CMY	0.8392, 0.8078, 0.7020
CMYK	0.46, 0.36, 0.00, 0.70
HSL	226°, 30%, 23%
HSV	226°, 46%, 30%
XYZ	3.3173, 3.1898, 7.2783
YIQ	49.6860, -13.4350, 6.7010

# Conversions

## Conversions Part 2

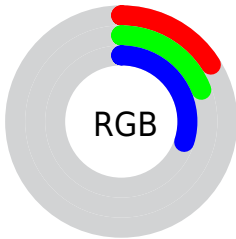
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 48, 76
Decimal	2699596
CIELab	20.79, 4.83, -17.74
CIElCh	21, 18.385, 285.223
Yxy	3.1898, 0.2406, 0.2314
Android (android.graphics.Color)	4280889676 (0xFF29314C)
YUV	49.6860, 12.9728, -7.6176
Hunter-Lab	17.8601, 1.8986, -11.6597

# Details

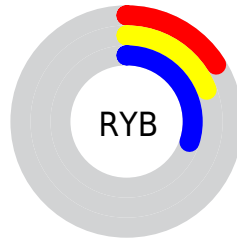
The Hex color **29314C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4C4429**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **585F7D**, and **000120** is the 20% darker color. If you saturate the color by 10%, you get **212B4C**, and if you desaturate by 10%, it is **31374C**.

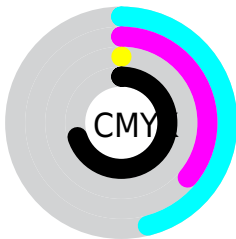
# Distribution



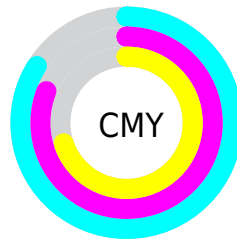
- Red (16%)
- Green (19%)
- Blue (30%)



- Red (16%)
- Yellow (19%)
- Blue (30%)



- Cyan (46%)
- Magenta (36%)
- Yellow (0%)
- Black (70%)



- Cyan (84%)
- Magenta (81%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 29314C 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 29314C by changing the saturation by 10% instead.



■ 29314C

■ 29314C

FFFFFF

■ 121C35

■ 585F7D

■ 000120

■ 717897

■ 000005

■ 8B91B2

■ 000000

■ A5ACCD

■ C1C7E9

■ DDE3FF

■ FAFFFF

■ 29314C

■ 29314C

■ 212B4C

■ 31374C

■ 1A254C

■ 383D4C

■ 121F4C

■ 40434C

■ 0B1A4C

■ 47484C

■ 03144C

■ 4F4E4C

■ 00114C

■ 57544C

■ 5E5A4C

■ 66604C

■ 6D664C

# Harmonies

## Analogous

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



0E354C



29314C



3C2C45

# Triad

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



29314C



492A1F



12392B

# Complementary

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



29314C



4C4429

# 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.



25371E



29314C



402F18

# Square

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



29314C



4C272C



343317



003939

# Rectangle

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



29314C



45293E



343317



193826



# Sweetspot

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



29314C



565963



294C44



2A2C33



B3B3B3



333333



# Same Dimension

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



29314C



2D3963



32294C



222326



001766



0034E6



# Inverse Universe

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



4C2931



632D39



434C29



262223



660017



E60034



# Previews

## White Background



This preview shows how the Hex color 29314C looks on a white background.

## Color Contrast Check

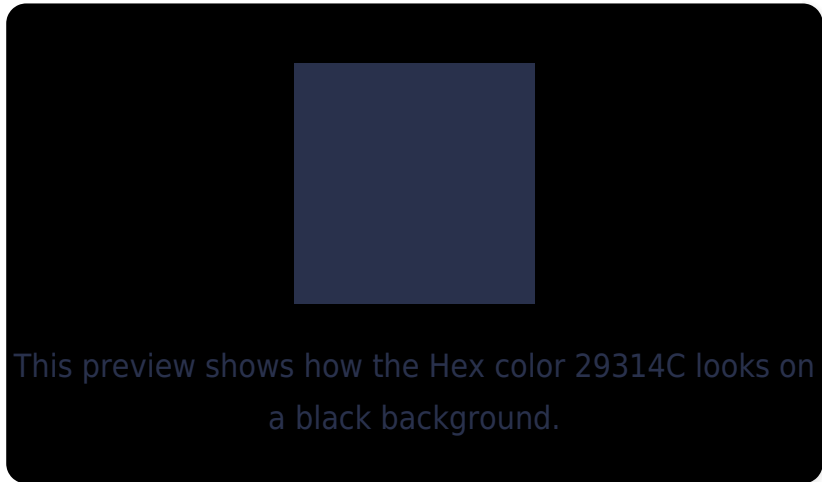
Large Text (above 18pt) WCAG AA ✓ Pass

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

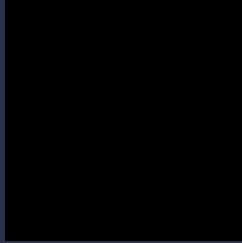
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 29314C Background



This preview shows how black text looks on a background with the Hex color 29314C.



This preview shows how white text looks on a background with the Hex color 29314C.

# 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](#).

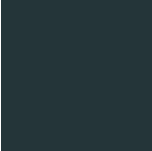
## Dichromacy



**Original Color**  
29314C

**Protanopia**  
28314C

**Deuteranopia**  
26324C



**Tritanopia**  
243539

# Trichromacy



**Original Color**  
29314C

**Protanomaly**  
28314C

**Deuteranomaly**  
27324C

**Tritanomaly**  
263440

# Monochromacy



**Original Color**  
29314C

**Achromatopsia**  
323232

**Achromatomaly**  
2F323B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 29314C 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 #29314C looks like.

```
.text, #text, p{  
    color:#29314C  
}
```

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 #29314C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29314C
}
```

## Border

The CSS property to change the border of an element to Hex 29314C is called "border". The border property can be set on classes, ids or directly on the HTML element.

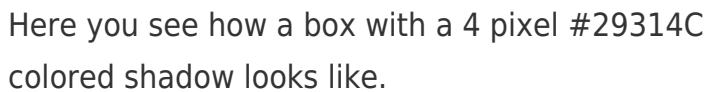
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#29314C }
```

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

```
.border{ border-color:#29314C }
```

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



Here you see how a box with a 4 pixel #29314C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29314C; -webkit-box-shadow:4px 4px  
4px 4px #29314C; box-shadow:4px 4px 4px  
4px #29314C }
```

# Background

The CSS property to change the background color of an element to Hex 29314C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29314C }
```

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

```
.background{ background-color:#29314C }
```

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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