

# Converting Colors

Hex(290C3C)

Have a look what the booklet for  
Hex(290C3C) contains.

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# Color

Hex(290C3C)

# Conversions

## Conversions Part 1

Format	Color
Hex	290C3C
RGB	41, 12, 60
RGB Percent	16%, 5%, 24%
CMY	0.8392, 0.9529, 0.7647
CMYK	0.32, 0.80, 0.00, 0.76
HSL	276°, 67%, 14%
HSV	276°, 80%, 24%
XYZ	1.8615, 1.0606, 4.3816
YIQ	26.1430, 1.8760, 21.0760

# Conversions

## Conversions Part 2

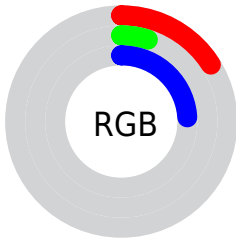
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 12, 60
Decimal	2690108
CIELab	9.49, 24.92, -24.59
CIElCh	9, 35.013, 315.379
Yxy	1.0606, 0.2549, 0.1452
Android (android.graphics.Color)	4280880188 (0xFF290C3C)
YUV	26.1430, 16.6915, 13.0296
Hunter-Lab	10.2986, 14.2426, -18.0162

# Details

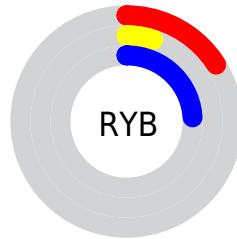
The Hex color **290C3C** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1F3C0C**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **59386C**, and **00010F** is the 20% darker color. If you saturate the color by 10%, you get **27063C**, and if you desaturate by 10%, it is **2B123C**.

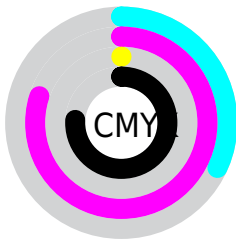
# Distribution



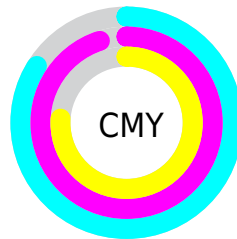
- Red (16%)
- Green (5%)
- Blue (24%)



- Red (16%)
- Yellow (5%)
- Blue (24%)



- Cyan (32%)
- Magenta (80%)
- Yellow (0%)
- Black (76%)



- Cyan (84%)
- Magenta (95%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 290C3C 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 290C3C by changing the saturation by 10% instead.



 290C3C

 290C3C

 FFEFFF

 170026

 59386C

 00010F

 725085

 000000

 8C68A0

 A781BB

 C29CD6

 DEB7F3

 FBD2FF

 290C3C

 290C3C

■ 27063C

■ 2B123C

■ 24003C

■ 2E183C

■ 301E3C

■ 33243C

■ 352A3C

■ 37303C

■ 3A363C

■ 3C3C3C

■ 3E423C

# Harmonies

## Analogous

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



001A49



290C3C



3D0027

# Triad

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



290C3C



2C1500



002626

# Complementary

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



290C3C



1F3C0C

# 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.



00250B



290C3C



171D00

# Square

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



290C3C



3B0700



002200



00243C

# Rectangle

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



290C3C



420017



002200



00261E



# Sweetspot

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



290C3C



483C4F



0C1F3C



241D29



A8A8A8



292929



# Same Dimension

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



290C3C



31034F



3C0C37



1D1C1F



39005E



8600DE



# Inverse Universe

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



3C0C1F



4F0321



0C3C11



1F1C1D



5E0025



DE0058



# Previews

## White Background



This preview shows how the Hex color 290C3C looks on a white background.

## Color Contrast Check

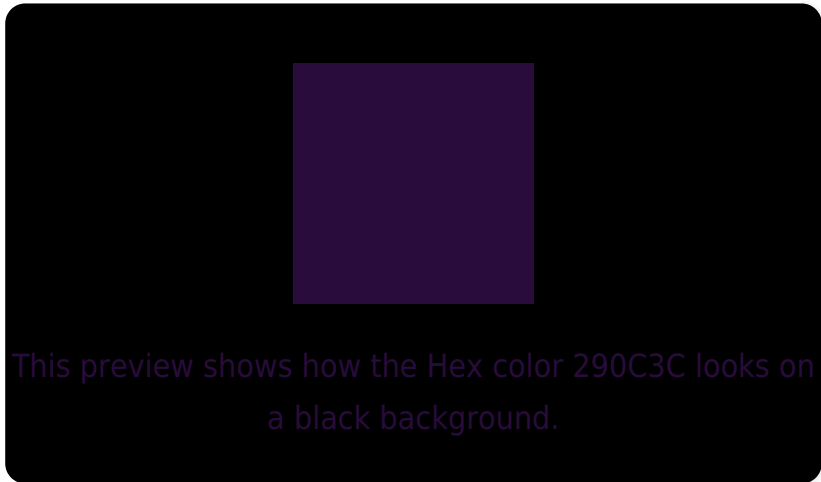
Large Text (above 18pt) WCAG AA ✓ Pass

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

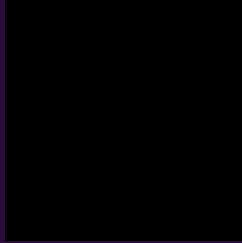
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 290C3C Background



This preview shows how black text looks on a background with the Hex color 290C3C.



This preview shows how white text looks on a background with the Hex color 290C3C.

# 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**  
290C3C

**Protanopia**  
001B39

**Deuteranopia**  
001D32



**Tritanopia**  
23191B

# Trichromacy



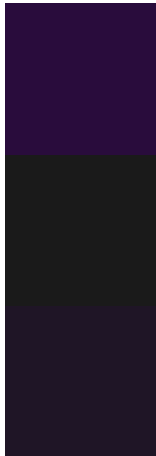
**Original Color**  
290C3C

**Protanomaly**  
0F163A

**Deuteranomaly**  
0F1736

**Tritanomaly**  
251427

# Monochromacy



**Original Color**  
290C3C

**Achromatopsia**  
1A1A1A

**Achromatomaly**  
1F1526

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 290C3C 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 #290C3C looks like.

```
.text, #text, p{  
    color:#290C3C  
}
```

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 #290C3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #290C3C
}
```

## Border

The CSS property to change the border of an element to Hex 290C3C 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".

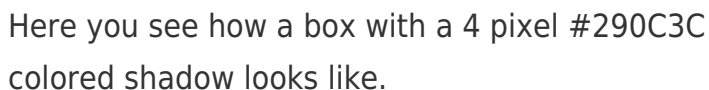
```
.border, #border, table{ border:4px solid
#290C3C }
```

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

```
.border{ border-color:#290C3C }
```

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

Here you see how a box with a 4 pixel #290C3C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #290C3C; -webkit-box-shadow:4px 4px  
4px 4px #290C3C; box-shadow:4px 4px 4px  
4px #290C3C }
```

# Background

The CSS property to change the background color of an element to Hex 290C3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#290C3C }
```

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

```
.background{ background-color:#290C3C }
```

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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