

Converting Colors

Hex(291C33)

Have a look what the booklet for
Hex(291C33) contains.

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Color

Hex(291C33)

Conversions

Conversions Part 1

Format	Color
Hex	291C33
RGB	41, 28, 51
RGB Percent	16%, 11%, 20%
CMY	0.8392, 0.8902, 0.8000
CMYK	0.20, 0.45, 0.00, 0.80
HSL	274°, 29%, 15%
HSV	274°, 45%, 20%
XYZ	1.9272, 1.5409, 3.3278
YIQ	34.5090, 0.3650, 9.9090

Conversions

Conversions Part 2

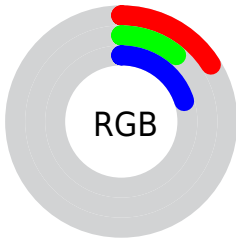
Format	Color
RYB	41, 28, 51
Decimal	2694195
CIELab	12.87, 11.92, -12.76
CIElCh	13, 17.464, 313.050
Yxy	1.5409, 0.2836, 0.2267
Android (android.graphics.Color)	4280884275 (0xFF291C33)
YUV	34.5090, 8.1301, 5.6926
Hunter-Lab	12.4135, 5.9894, -7.2051

Details

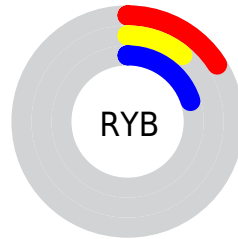
The Hex color **291C33** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **26331C**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **574861**, and **000001** is the 20% darker color. If you saturate the color by 10%, you get **271733**, and if you desaturate by 10%, it is **2B2133**.

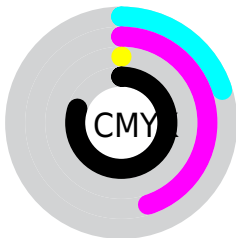
Distribution



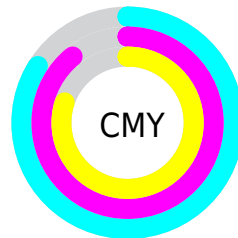
- Red (16%)
- Green (11%)
- Blue (20%)



- Red (16%)
- Yellow (11%)
- Blue (20%)



- Cyan (20%)
- Magenta (45%)
- Yellow (0%)
- Black (80%)



- Cyan (84%)
- Magenta (89%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 291C33 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 291C33 by changing the saturation by 10% instead.

■ 291C33

■ 291C33

FFFFFF

■ 16021E

■ 574861

■ 000001

■ 6F5F7A

■ 000000

■ 897894

■ A392AF

■ BEADCA

■ DAC8E6

■ F7E4FF

■ 291C33

■ 291C33

■ 271733

■ 2B2133

■ 251233

■ 2D2633

■ 220D33

■ 302B33

■ 200833

■ 323033

■ 1E0333

■ 343633

■ 1D0033

■ 363B33

■ 394033

■ 3B4533

■ 3D4A33

Harmonies

Analogous

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



162139



291C33



341829

Triad

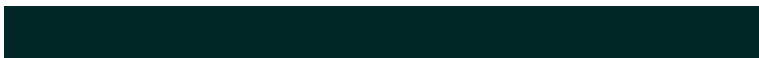
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



291C33



2F1E06



002726

Complementary

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



291C33



26331C

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.



03271A



291C33



242205

Square

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



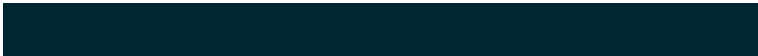
291C33



361A11



16250E



002731

Rectangle

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



291C33



371721



16250E



002722

Sweetspot

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



291C33



3E3942



1C2633



1F1C21



A1A1A1



212121

Same Dimension

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



291C33



331E42



331C32



18171A



320059



7B00D9

Inverse Universe

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



331C26



421E2E



1C331D



1A1718



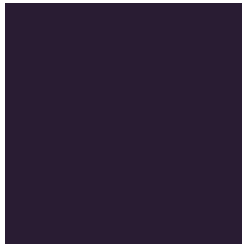
590027



D9005E

Previews

White Background



This preview shows how the Hex color 291C33 looks on a white background.

Color Contrast Check

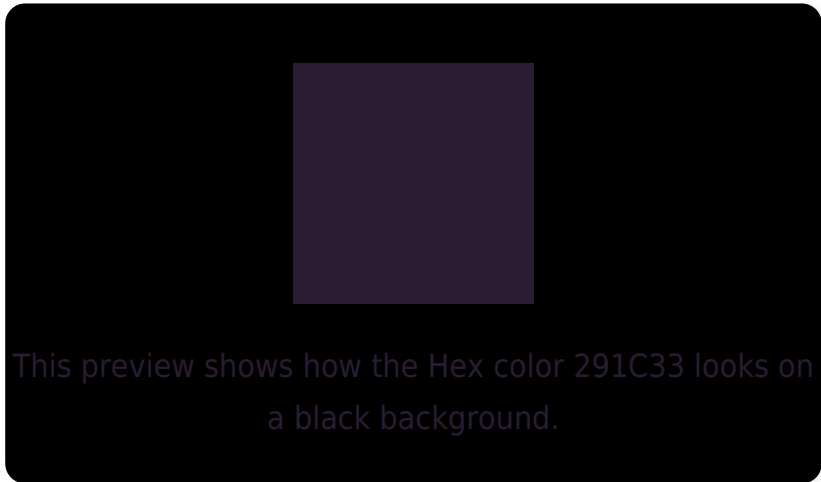
Large Text (above 18pt) WCAG AA ✓ Pass

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

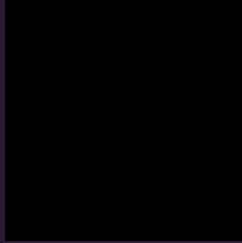
Any Text WCAG AA × Fail

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 291C33 Background



This preview shows how black text looks on a background with the Hex color 291C33.



This preview shows how white text looks on a background with the Hex color 291C33.

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
291C33

Protanopia
192137

Deuteranopia
1A2132

Trichromacy



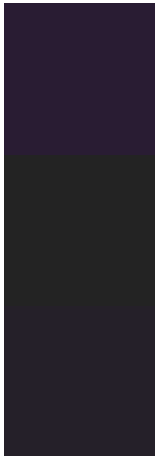
Original Color
291C33

Protanomaly
1F1F36

Deuteranomaly
1F1F32

Tritanomaly
271F28

Monochromacy



Original Color
291C33

Achromatopsia
232323

Achromatomaly
252029

CSS Examples

Text

The CSS property to change the color of the text to Hex 291C33 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 #291C33 looks like.

```
.text, #text, p{  
    color:#291C33  
}
```

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 #291C33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #291C33
}
```

Border

The CSS property to change the border of an element to Hex 291C33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

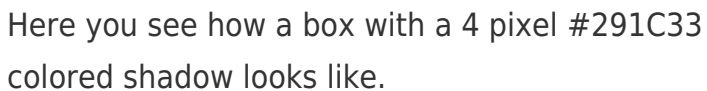
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#291C33 }
```

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

```
.border{ border-color:#291C33 }
```

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



Here you see how a box with a 4 pixel #291C33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #291C33; -webkit-box-shadow:4px 4px  
4px 4px #291C33; box-shadow:4px 4px 4px  
4px #291C33 }
```

Background

The CSS property to change the background color of an element to Hex 291C33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#291C33 }
```

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

```
.background{ background-color:#291C33 }
```

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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