

Converting Colors

Hex(291833)

Have a look what the booklet for
Hex(291833) contains.

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Color

Hex(291833)

Conversions

Conversions Part 1

Format	Color
Hex	291833
RGB	41, 24, 51
RGB Percent	16%, 9%, 20%
CMY	0.8392, 0.9059, 0.8000
CMYK	0.20, 0.53, 0.00, 0.80
HSL	278°, 36%, 15%
HSV	278°, 53%, 20%
XYZ	1.8386, 1.3637, 3.2983
YIQ	32.1610, 1.4650, 12.0010

Conversions

Conversions Part 2

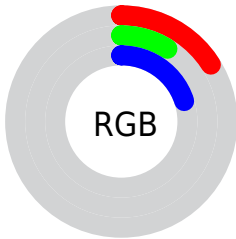
Format	Color
R_YB	41, 24, 51
Decimal	2693171
CIE Lab	11.71, 14.76, -14.56
CIE LCh	12, 20.738, 315.394
Yxy	1.3637, 0.2828, 0.2098
Android (android.graphics.Color)	4280883251 (0xFF291833)
YUV	32.1610, 9.2876, 7.7518
Hunter-Lab	11.6778, 7.6682, -8.5715

Details

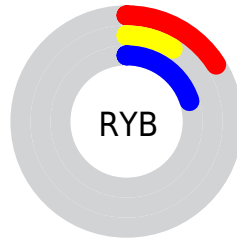
The Hex color **291833** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **223318**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **574362**, and **000001** is the 20% darker color. If you saturate the color by 10%, you get **271333**, and if you desaturate by 10%, it is **2B1D33**.

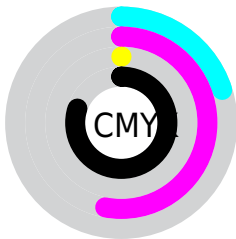
Distribution



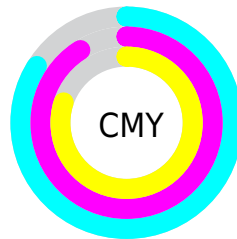
- Red (16%)
- Green (9%)
- Blue (20%)



- Red (16%)
- Yellow (9%)
- Blue (20%)



- Cyan (20%)
- Magenta (53%)
- Yellow (0%)
- Black (80%)



- Cyan (84%)
- Magenta (91%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 291833 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 291833 by changing the saturation by 10% instead.

■ 291833

■ 291833

■ FFFCFF

■ 17001E

■ 574362

■ 000001

■ 705B7A

■ 000000

■ 897494

■ A48DAF

■ BFA8CA

■ DBC3E7

■ F7DFFF

■ 291833

■ 291833

■ 271333

■ 2B1D33

■ 250E33

■ 2D2233

■ 230933

■ 2F2733

■ 210433

■ 312C33

■ 200033

■ 323233

■ 343733

■ 363C33

■ 384133

■ 3A4633

Harmonies

Analogous

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



121E3A



291833



351326

Triad

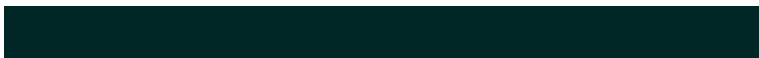
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



291833



2D1C00



002626

Complementary

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



291833



223318

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.



002517



291833



212000

Square

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



291833



361607



102406



002533

Rectangle

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



291833



39121D



102406



002621

Sweetspot

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



291833



3E3842



182233



1F1B21



A1A1A1



212121

Same Dimension

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



291833



331842



331830



19171A



380059



8800D9

Inverse Universe

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



331822



421828



18331B



1A1718



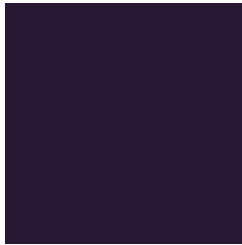
590021



D90050

Previews

White Background



This preview shows how the Hex color 291833 looks on a white background.

Color Contrast Check

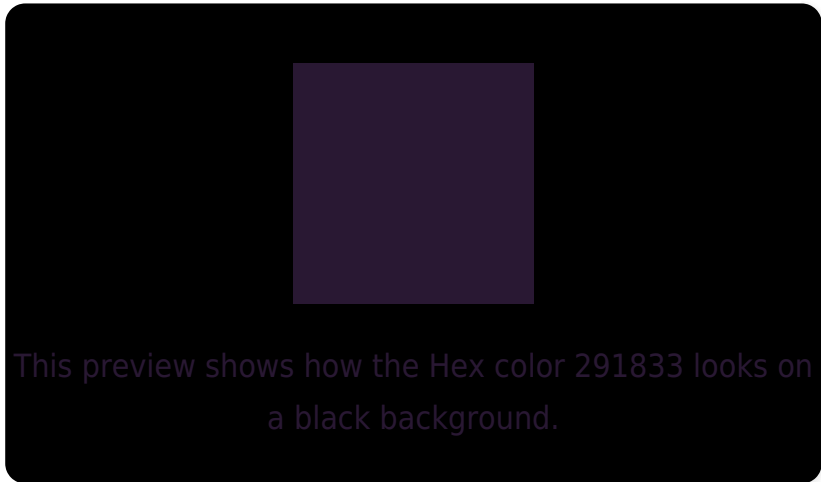
Large Text (above 18pt) WCAG AA ✓ Pass

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

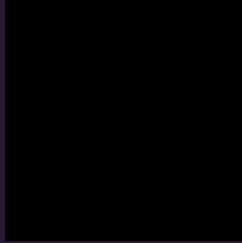
Any Text WCAG AA × Fail

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 291833 Background



This preview shows how black text looks on a background with the Hex color 291833.



This preview shows how white text looks on a background with the Hex color 291833.

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
291833

Protanopia
121F39

Deuteranopia
151F32



Tritanopia
261D1F

Trichromacy



Original Color

291833

Protanomaly

1A1C37

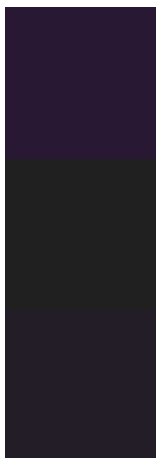
Deuteranomaly

1C1C32

Tritanomaly

271B26

Monochromacy



Original Color

291833

Achromatopsia

202020

Achromatomaly

231D27

CSS Examples

Text

The CSS property to change the color of the text to Hex 291833 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 #291833 looks like.

```
.text, #text, p{  
    color:#291833  
}
```

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 #291833 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #291833
}
```

Border

The CSS property to change the border of an element to Hex 291833 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".

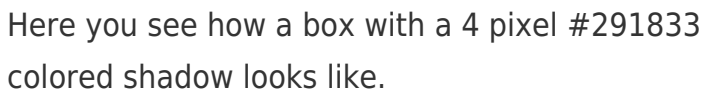
```
.border, #border, table{ border:4px solid
#291833 }
```

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

```
.border{ border-color:#291833 }
```

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

Here you see how a box with a 4 pixel #291833 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #291833; -webkit-box-shadow:4px 4px  
4px 4px #291833; box-shadow:4px 4px 4px  
4px #291833 }
```

Background

The CSS property to change the background color of an element to Hex 291833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#291833 }
```

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

```
.background{ background-color:#291833 }
```

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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