

Converting Colors

Hex(291E25)

Have a look what the booklet for
Hex(291E25) contains.

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Color

Hex(291E25)

Conversions

Conversions Part 1

Format	Color
Hex	291E25
RGB	41, 30, 37
RGB Percent	16%, 12%, 15%
CMY	0.8392, 0.8824, 0.8549
CMYK	0.00, 0.27, 0.10, 0.84
HSL	322°, 15%, 14%
HSV	322°, 27%, 16%
XYZ	1.7127, 1.5335, 1.9560
YIQ	34.0870, 4.3090, 4.5090

Conversions

Conversions Part 2

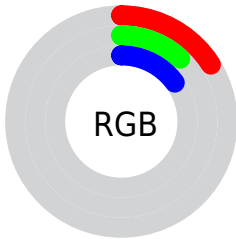
Format	Color
RYB	41, 30, 37
Decimal	2694693
CIELab	12.82, 6.86, -2.69
CIELCh	13, 7.369, 338.583
Yxy	1.5335, 0.3292, 0.2948
Android (android.graphics.Color)	4280884773 (0xFF291E25)
YUV	34.0870, 1.4361, 6.0627
Hunter-Lab	12.3836, 3.0153, -0.6964

Details

The Hex color **291E25** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1E2922**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **564A52**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **291A24**, and if you desaturate by 10%, it is **292226**.

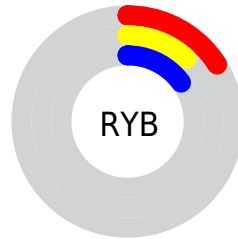
Distribution



Red (16%)

Green (12%)

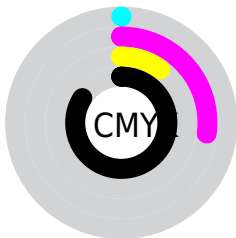
Blue (15%)



Red (16%)

Yellow (12%)

Blue (15%)

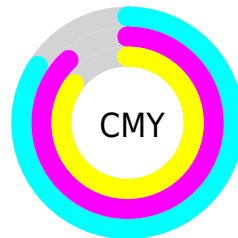


Cyan (0%)

Magenta (27%)

Yellow (10%)

Black (84%)



Cyan (84%)

Magenta (88%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 291E25 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 291E25 by changing the saturation by 10% instead.

■ 291E25

■ 291E25

FFFFFF

■ 150510

■ 564A52

■ 000000

■ 6F626A

■ 887A83

■ A2949D

■ BDAFB8

■ D9CAD3

■ F6E6F0

■ 291E25

■ 291E25

■ 291A24

■ 292226

■ 291622

■ 292628

■ 291221

■ 292A29

■ 290E1F

■ 292E2B

■ 29091E

■ 29332C

■ 29051C

■ 29372E

■ 29011B

■ 293B2F

■ 29001A

■ 293F31

■ 294332

Harmonies

Analogous

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



241F29



291E25



2C1E20

Triad

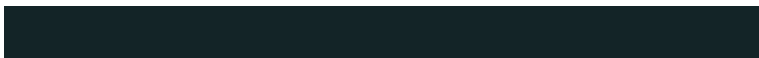
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



291E25



242117



132427

Complementary

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



291E25



1E2922

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.



142422



291E25



1E2319

Square

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



291E25



282018



18241D



17232A

Rectangle

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



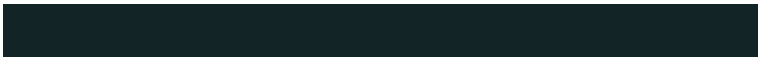
291E25



2C1E1D



18241D



132426

Sweetspot

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



291E25



363134



221E29



1C191B



9C9C9C



1C1C1C

Same Dimension

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



291E25



36242F



291E20



141214



540036



D40087

Inverse Universe

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



291E25



36242F



1E2927



141214



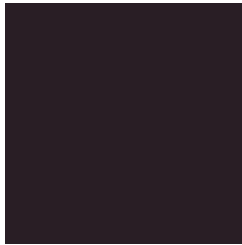
540036



D40087

Previews

White Background



This preview shows how the Hex color 291E25 looks on a white background.

Color Contrast Check

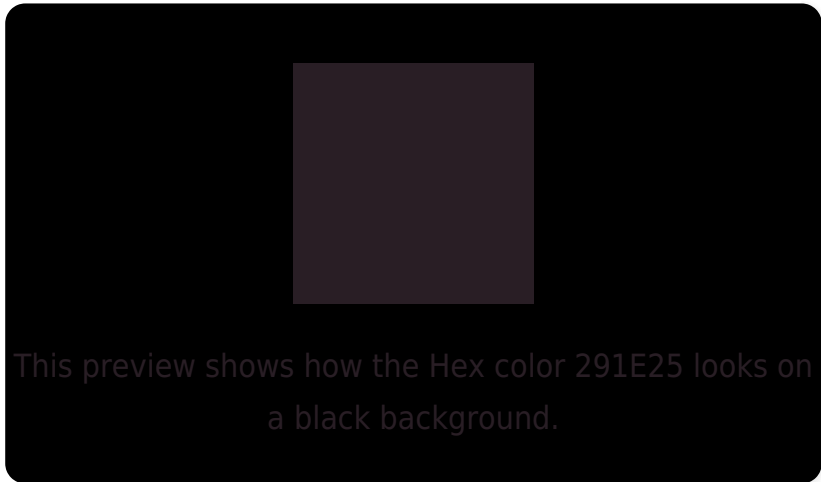
Large Text (above 18pt) WCAG AA ✓ Pass

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

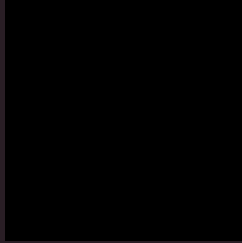
Any Text WCAG AA × Fail

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 291E25 Background



This preview shows how black text looks on a background with the Hex color 291E25.

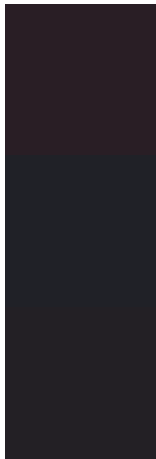


This preview shows how white text looks on a background with the Hex color 291E25.

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
291E25

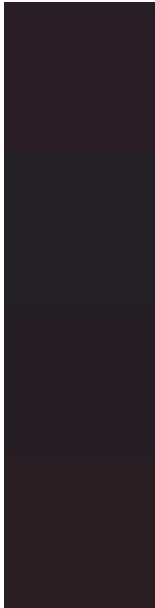
Protanopia
202127

Deuteranopia
232025



Tritanopia
291F21

Trichromacy



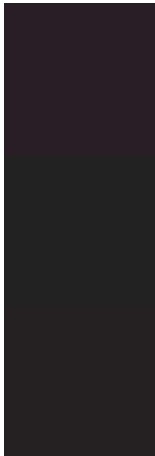
Original Color
291E25

Protanomaly
232026

Deuteranomaly
251F25

Tritanomaly
291F22

Monochromacy



Original Color
291E25

Achromatopsia
222222

Achromatomaly
252123

CSS Examples

Text

The CSS property to change the color of the text to Hex 291E25 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 #291E25 looks like.

```
.text, #text, p{  
    color:#291E25  
}
```

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 #291E25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #291E25  
}
```

Border

The CSS property to change the border of an element to Hex 291E25 is called "border". The border property can be set on classes, ids or directly on the HTML element.

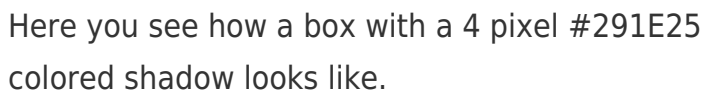
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#291E25 }
```

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

```
.border{ border-color:#291E25 }
```

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



Here you see how a box with a 4 pixel #291E25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #291E25; -webkit-box-shadow:4px 4px  
4px 4px #291E25; box-shadow:4px 4px 4px  
4px #291E25 }
```

Background

The CSS property to change the background color of an element to Hex 291E25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#291E25 }
```

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

```
.background{ background-color:#291E25 }
```

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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