

Converting Colors

Hex(291A21)

Have a look what the booklet for
Hex(291A21) contains.

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Color

Hex(291A21)

Conversions

Conversions Part 1

Format	Color
Hex	291A21
RGB	41, 26, 33
RGB Percent	16%, 10%, 13%
CMY	0.8392, 0.8980, 0.8706
CMYK	0.00, 0.37, 0.20, 0.84
HSL	332°, 22%, 13%
HSV	332°, 37%, 16%
XYZ	1.5584, 1.3200, 1.6115
YIQ	31.2830, 6.6930, 5.3570

Conversions

Conversions Part 2

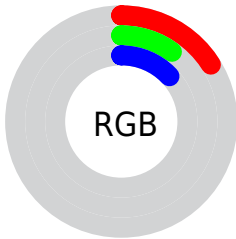
Format	Color
RYB	41, 26, 33
Decimal	2693665
CIELab	11.41, 8.86, -1.84
CIElCh	11, 9.044, 348.277
Yxy	1.3200, 0.3471, 0.2940
Android (android.graphics.Color)	4280883745 (0xFF291A21)
YUV	31.2830, 0.8465, 8.5218
Hunter-Lab	11.4892, 4.1052, -0.2737

Details

The Hex color **291A21** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1A2922**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **57454D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **29161F**, and if you desaturate by 10%, it is **291E23**.

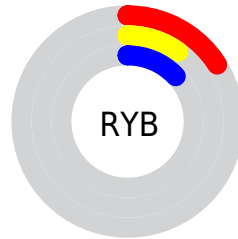
Distribution



Red (16%)

Green (10%)

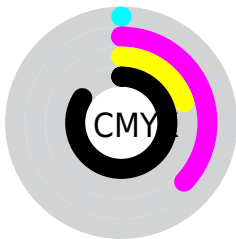
Blue (13%)



Red (16%)

Yellow (10%)

Blue (13%)

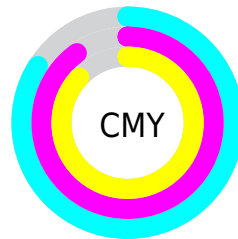


Cyan (0%)

Magenta (37%)

Yellow (20%)

Black (84%)



Cyan (84%)

Magenta (90%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 291A21 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 291A21 by changing the saturation by 10% instead.

■ 291A21

■ 291A21

FFFEFF

■ 16000A

■ 57454D

■ 000000

■ 6F5D65

■ 88767E

■ A38F98

■ BEAAB2

■ DAC5CE

■ F6E1EA

■ 291A21

■ 291A21

■ 29161F

■ 291E23

■ 29121D

■ 292225

■ 290E1A

■ 292628

■ 290A18

■ 292A2A

■ 290516

■ 292E2C

■ 290114

■ 29332E

■ 290013

■ 293730

■ 293B32

■ 293F35

Harmonies

Analogous

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



241B27



291A21



2B1A1B

Triad

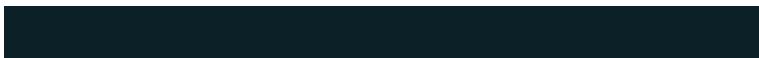
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



291A21



1F1F12



0C2127

Complementary

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



291A21



1A2922

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.



0C2222



291A21



182116

Square

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



291A21



251D12



11221C



13202A

Rectangle

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



291A21



2A1B17



11221C



0B2126

Sweetspot

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



291A21



363032



221A29



1C181A



9C9C9C



1C1C1C

Same Dimension

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



291A21



361E29



291A1A



141213



540027



D40063

Inverse Universe

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



291A21



361E29



1A2929



141213



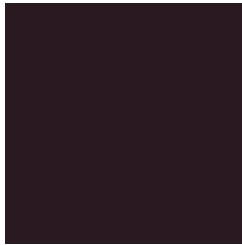
540027



D40063

Previews

White Background



This preview shows how the Hex color 291A21 looks on a white background.

Color Contrast Check

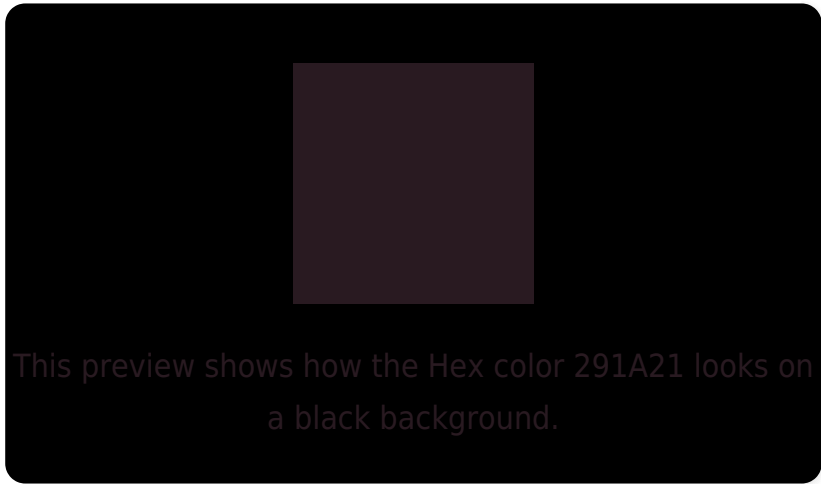
Large Text (above 18pt) WCAG AA ✓ Pass

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

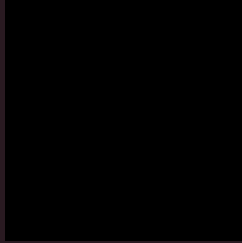
Any Text WCAG AA × Fail

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 291A21 Background



This preview shows how black text looks on a background with the Hex color 291A21.

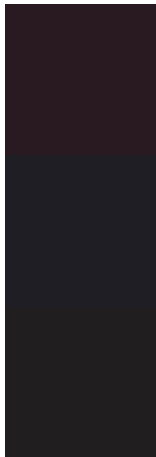


This preview shows how white text looks on a background with the Hex color 291A21.

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
291A21

Protanopia
1E1E24

Deuteranopia
211E20



Tritanopia
291B1D

Trichromacy



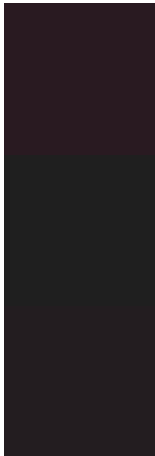
Original Color
291A21

Protanomaly
221D23

Deuteranomaly
241D20

Tritanomaly
291B1E

Monochromacy



Original Color
291A21

Achromatopsia
1F1F1F

Achromatomaly
231D20

CSS Examples

Text

The CSS property to change the color of the text to Hex 291A21 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 #291A21 looks like.

```
.text, #text, p{  
    color:#291A21  
}
```

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 #291A21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #291A21
}
```

Border

The CSS property to change the border of an element to Hex 291A21 is called "border". The border property can be set on classes, ids or directly on the HTML element.

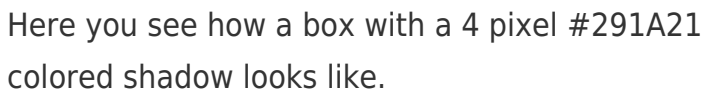
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#291A21 }
```

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

```
.border{ border-color:#291A21 }
```

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



Here you see how a box with a 4 pixel #291A21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #291A21; -webkit-box-shadow:4px 4px  
4px 4px #291A21; box-shadow:4px 4px 4px  
4px #291A21 }
```

Background

The CSS property to change the background color of an element to Hex 291A21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#291A21 }
```

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

```
.background{ background-color:#291A21 }
```

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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