

Converting Colors

Hex(29341E)

Have a look what the booklet for
Hex(29341E) contains.

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Color

Hex(29341E)

Conversions

Conversions Part 1

Format	Color
Hex	29341E
RGB	41, 52, 30
RGB Percent	16%, 20%, 12%
CMY	0.8392, 0.7961, 0.8824
CMYK	0.21, 0.00, 0.42, 0.80
HSL	90°, 27%, 16%
HSV	90°, 42%, 20%
XYZ	2.3768, 3.0211, 1.6862
YIQ	46.2030, 0.5060, -9.1740

Conversions

Conversions Part 2

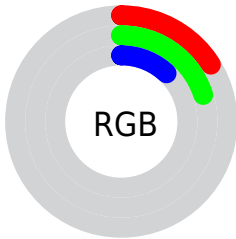
Format	Color
RYB	30, 52, 41
Decimal	2700318
CIELab	20.13, -9.51, 12.44
CIELCh	20, 15.659, 127.406
Yxy	3.0211, 0.3355, 0.4265
Android (android.graphics.Color)	4280890398 (0xFF29341E)
YUV	46.2030, -7.9881, -4.5630
Hunter-Lab	17.3814, -6.0089, 6.4153

Details

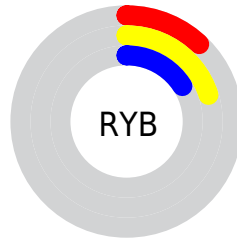
The Hex color **29341E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **291E34**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **57624A**, and **000100** is the 20% darker color. If you saturate the color by 10%, you get **263419**, and if you desaturate by 10%, it is **2C3423**.

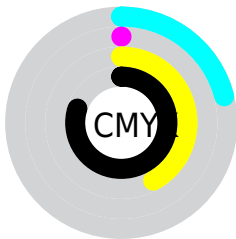
Distribution



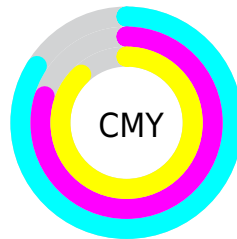
- Red (16%)
- Green (20%)
- Blue (12%)



- Red (12%)
- Yellow (20%)
- Blue (16%)



- Cyan (21%)
- Magenta (0%)
- Yellow (42%)
- Black (80%)



- Cyan (84%)
- Magenta (80%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29341E 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 29341E by changing the saturation by 10% instead.

■ 29341E

■ 29341E

FFFFFF

■ 151F06

■ 57624A

■ 000100

■ 6F7B62

■ 000000

■ 89957B

■ A3B095

■ BECBAF

■ DAE7CB

■ F6FFE7

■ 29341E

■ 29341E

■ 263419

■ 2C3423

■ 243414

■ 2E3428

■ 21340E

■ 31342E

■ 1F3409

■ 333433

■ 1C3404

■ 363438

■ 1A3400

■ 39343D

■ 3B3442

■ 3E3448

■ 40344D

Harmonies

Analogous

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



35311A



29341E



1B3627

Triad

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



29341E



113445



47282E

Complementary

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



29341E



291E34

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.



41293A



29341E



253147

Square

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



29341E



03363E



362D43



462923

Rectangle

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



29341E



11372F



362D43



462832

Sweetspot

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



29341E



40453C



34291E



21241E



A3A3A3



242424

Same Dimension

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



29341E



334522



1E341E



181A17



2D5900



6CD900

Inverse Universe

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



291E34



332245



341E34



18171A



2D0059



6C00D9

Previews

White Background



This preview shows how the Hex color 29341E looks on a white background.

Color Contrast Check

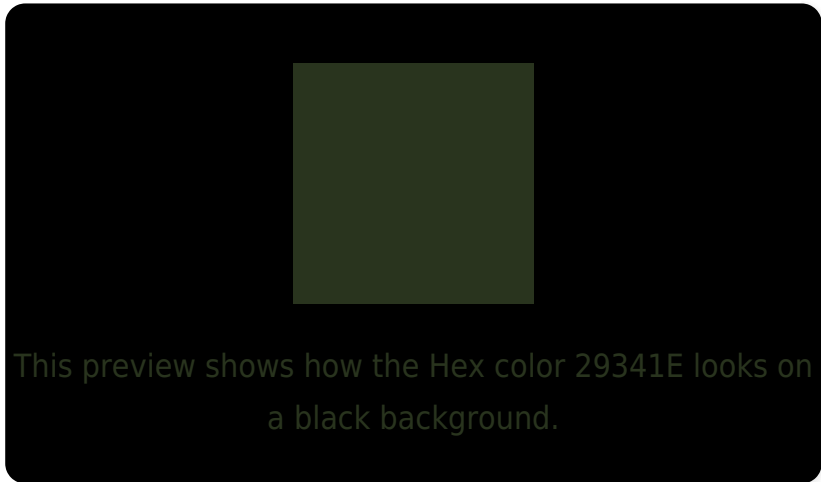
Large Text (above 18pt) WCAG AA ✓ Pass

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

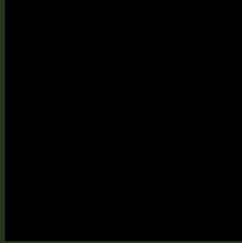
Any Text WCAG AA × Fail

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 29341E Background



This preview shows how black text looks on a background with the Hex color 29341E.

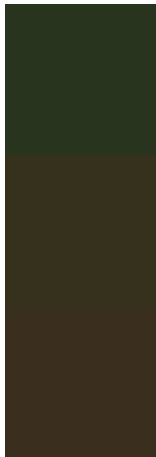


This preview shows how white text looks on a background with the Hex color 29341E.

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

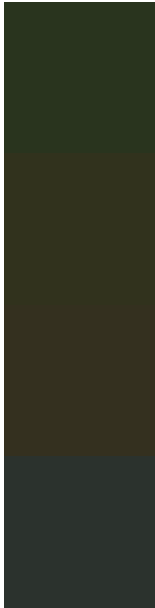


Original Color
29341E

Protanopia
35311D

Deuteranopia
3A2E1F

Trichromacy



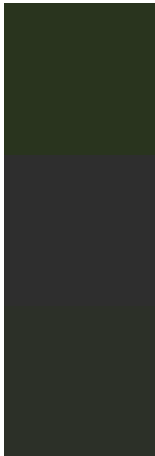
Original Color
29341E

Protanomaly
31321D

Deuteranomaly
34301F

Tritanomaly
2B322D

Monochromacy



Original Color
29341E

Achromatopsia
2E2E2E

Achromatomaly
2C3028

CSS Examples

Text

The CSS property to change the color of the text to Hex 29341E 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 #29341E looks like.

```
.text, #text, p{  
    color:#29341E  
}
```

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 #29341E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29341E
}
```

Border

The CSS property to change the border of an element to Hex 29341E is called "border". The border property can be set on classes, ids or directly on the HTML element.

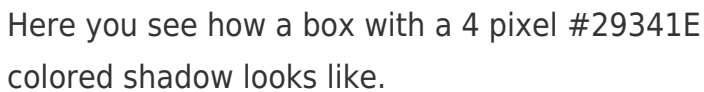
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#29341E }
```

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

```
.border{ border-color:#29341E }
```

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



Here you see how a box with a 4 pixel #29341E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29341E; -webkit-box-shadow:4px 4px  
4px 4px #29341E; box-shadow:4px 4px 4px  
4px #29341E }
```

Background

The CSS property to change the background color of an element to Hex 29341E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29341E }
```

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

```
.background{ background-color:#29341E }
```

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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