

Converting Colors

Hex(34291E)

Have a look what the booklet for
Hex(34291E) contains.

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Color

Hex(34291E)

Conversions

Conversions Part 1

Format	Color
Hex	34291E
RGB	52, 41, 30
RGB Percent	20%, 16%, 12%
CMY	0.7961, 0.8392, 0.8824
CMYK	0.00, 0.21, 0.42, 0.80
HSL	30°, 27%, 16%
HSV	30°, 42%, 20%
XYZ	2.4435, 2.4097, 1.5646
YIQ	43.0350, 10.0870, -1.0890

Conversions

Conversions Part 2

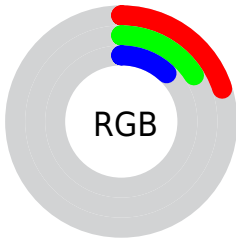
Format	Color
R_{YB}	52, 52, 30
Decimal	3418398
CIE Lab	17.51, 3.15, 9.14
CIE LCh	18, 9.671, 70.995
Yxy	2.4097, 0.3807, 0.3755
Android (android.graphics.Color)	4281608478 (0xFF34291E)
YUV	43.0350, -6.4263, 7.8623
Hunter-Lab	15.5231, 0.9317, 4.8902




Details

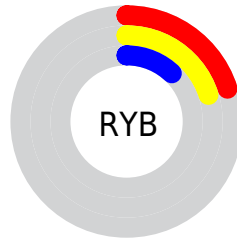
The Hex color **34291E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1E2934**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **63564A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **342619**, and if you desaturate by 10%, it is **342C23**.

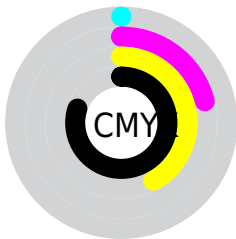
Distribution







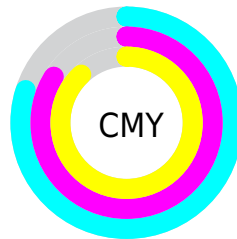
-  Red (20%)
-  Green (16%)
-  Blue (12%)






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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 34291E 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 34291E by changing the saturation by 10% instead.



34291E



34291E

FFFFFF



1F1505



63564A



000000



7C6E62



96887A



B1A294



CDBDAF



E9D9CA



FFF5E6



34291E



34291E

■ 342619

■ 342C23

■ 342414

■ 342E28

■ 34210E

■ 34312E

■ 341F09

■ 343333

■ 341C04

■ 343638

■ 341A00

■ 34393D

■ 343B42

■ 343E48

■ 34404D

Harmonies

Analogous

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



382722



34291E



2D2B1D

Triad

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



34291E



182F2D



2F2835

Complementary

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



34291E



1E2934

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.



262B38



34291E



172E34

Square

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



34291E



1E2F26



1D2D38



362630

Rectangle

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



34291E



282D1F



1D2D38



2C2937

Sweetspot

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



34291E



45403C



341E29



24211E



A3A3A3



242424

Same Dimension

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



34291E



453322



34341E



1A1817



592D00



D96C00

Inverse Universe

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



1E2934



223345



1E1E34



17181A



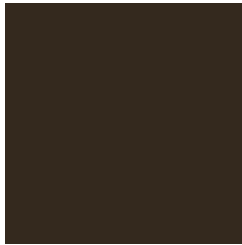
002D59



006CD9

Previews

White Background



This preview shows how the Hex color 34291E looks on a white background.

Color Contrast Check

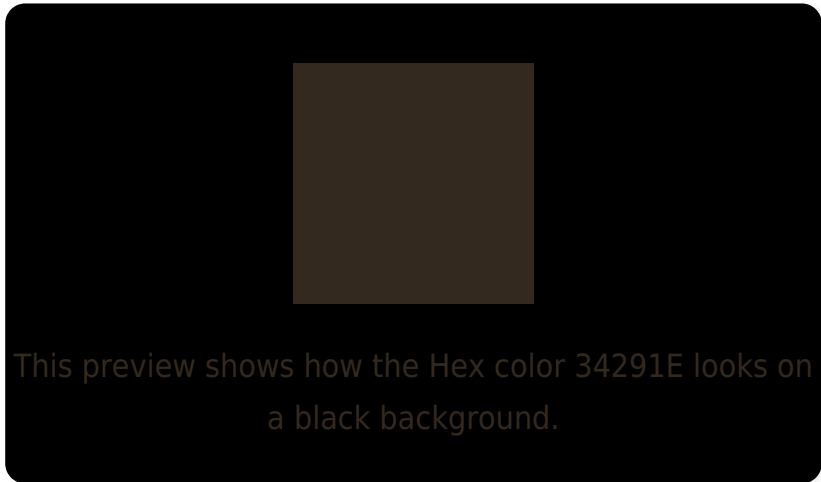
Large Text (above 18pt) WCAG AA ✓ Pass

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

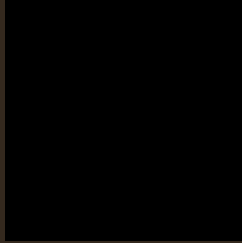
Any Text WCAG AA × Fail

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 34291E Background



This preview shows how black text looks on a background with the Hex color 34291E.

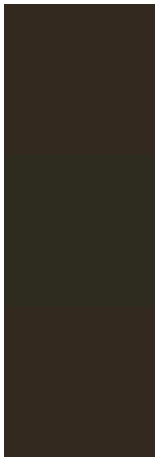


This preview shows how white text looks on a background with the Hex color 34291E.

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
34291E

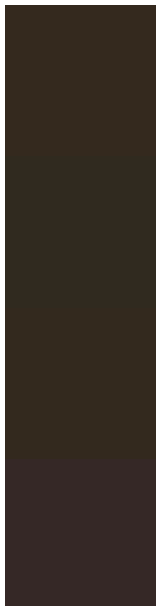
Protanopia
2E2B1F

Deuteranopia
33291E



Tritanopia
35272A

Trichromacy



Original Color

34291E

Protanomaly

302A1F

Deuteranomaly

33291E

Tritanomaly

352826

Monochromacy



Original Color

34291E

Achromatopsia

2B2B2B

Achromatomaly

2E2A26

CSS Examples

Text

The CSS property to change the color of the text to Hex 34291E 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 #34291E looks like.

```
.text, #text, p{  
    color:#34291E  
}
```

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 #34291E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34291E
}
```

Border

The CSS property to change the border of an element to Hex 34291E is called "border". The border property can be set on classes, ids or directly on the HTML element.

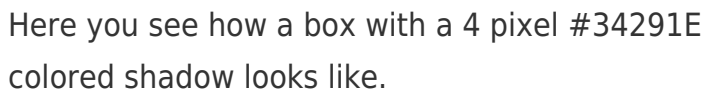
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#34291E }
```

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

```
.border{ border-color:#34291E }
```

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



Here you see how a box with a 4 pixel #34291E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34291E; -webkit-box-shadow:4px 4px  
4px 4px #34291E; box-shadow:4px 4px 4px  
4px #34291E }
```

Background

The CSS property to change the background color of an element to Hex 34291E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34291E }
```

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

```
.background{ background-color:#34291E }
```

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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