

Converting Colors

Hex(31591D)

Have a look what the booklet for
Hex(31591D) contains.

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Color

Hex(31591D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 31591D |
| RGB | 49, 89, 29 |
| RGB Percent | 19%, 35%, 11% |
| CMY | 0.8078, 0.6510, 0.8863 |
| CMYK | 0.45, 0.00, 0.67, 0.65 |
| HSL | 100°, 51%, 23% |
| HSV | 100°, 67%, 35% |
| XYZ | 5.0608, 7.8864, 2.4179 |
| YIQ | 70.2000, -4.5800, -27.1400 |

Conversions

Conversions Part 2

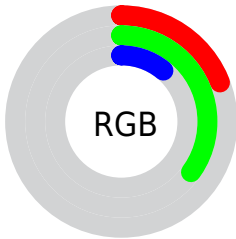
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 29, 89, 69 |
| Decimal | 3234077 |
| CIE _{Lab} | 33.75, -26.32, 29.55 |
| CIE _{LCh} | 34, 39.571, 131.685 |
| Yxy | 7.8864, 0.3294, 0.5133 |
| Android (android.graphics.Color) | 4281424157 (0xFF31591D) |
| YUV | 70.2000, -20.3116, -18.5924 |
| Hunter-Lab | 28.0828, -16.9776, 14.5531 |

Details

The Hex color **31591D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **451D59**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **638B4C**, and **002B00** is the 20% darker color. If you saturate the color by 10%, you get **2B5914**, and if you desaturate by 10%, it is **375926**.

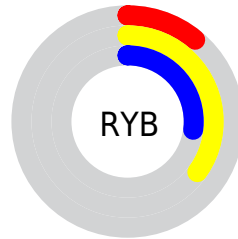
Distribution



Red (19%)

Green (35%)

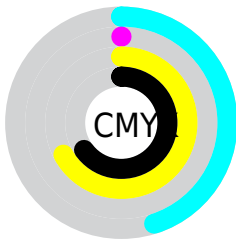
Blue (11%)



Red (11%)

Yellow (35%)

Blue (27%)

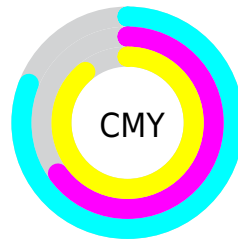


Cyan (45%)

Magenta (0%)

Yellow (67%)

Black (65%)



Cyan (81%)

Magenta (65%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31591D 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 31591D by changing the saturation by 10% instead.

■ 31591D

■ 31591D

FFFFFF

■ 184105

■ 638B4C

■ 002B00

■ 7CA664

■ 001600

■ 97C17E

■ 000000

■ B2DD98

■ CEFAB3

■ EBFFCF

■ FFFFEB

■ 31591D

■ 31591D

■ 2B5914

■ 375926

■ 25590B

■ 3D592F

■ 1F5902

■ 435938

■ 1E5900

■ 495941

■ 4F594A

■ 555952

■ 5B595B

■ 605964

■ 66596D

Harmonies

Analogous

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



545209



31591D



005D3A

Triad

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



31591D



00588B



883144

Complementary

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



31591D



451D59

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.



7E3564



31591D



254F8D

Square

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



31591D



005D78



61427F



823A27

Rectangle

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



31591D



005E50



61427F



87314F

Sweetspot

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



31591D



63735C



59451D



313B2D



BABABA



3B3B3B

Same Dimension

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



31591D



357316



1D5927



282B27



246B00



4EEB00

Inverse Universe

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



451D59



541673



591D4F



2A272B



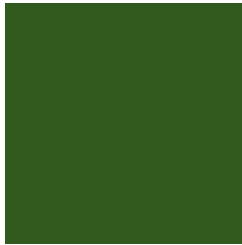
47006B



9C00EB

Previews

White Background



This preview shows how the Hex color 31591D looks on a white background.

Color Contrast Check

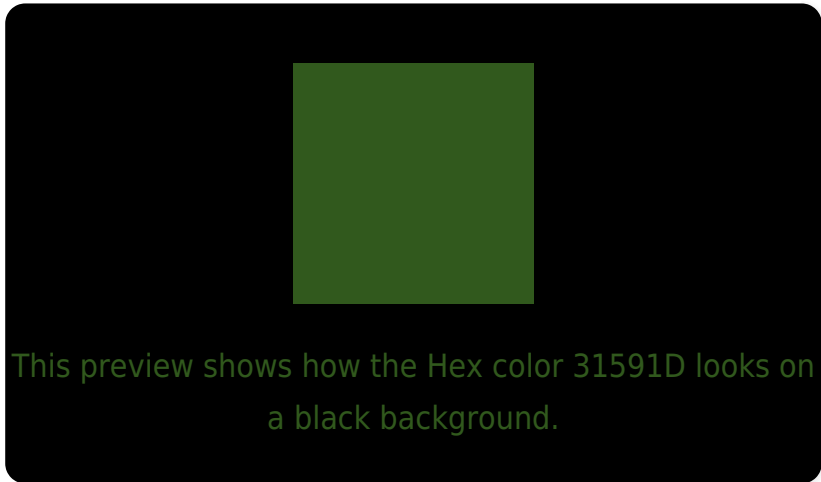
Large Text (above 18pt) WCAG AA ✓ Pass

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

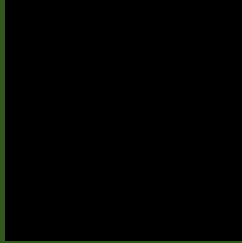
Any Text WCAG AA × Fail

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 31591D Background



This preview shows how black text looks on a background with the Hex color 31591D.



This preview shows how white text looks on a background with the Hex color 31591D.

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
31591D

Protanopia
594F1A

Deuteranopia
624B22



Tritanopia
3B535A

Trichromacy



Original Color
31591D

Protanomaly
4A531B

Deuteranomaly
505020

Tritanomaly
375544

Monochromacy



Original Color
31591D

Achromatopsia
464646

Achromatomaly
3E4D37

CSS Examples

Text

The CSS property to change the color of the text to Hex 31591D 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 #31591D looks like.

```
.text, #text, p{  
    color:#31591D  
}
```

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 #31591D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31591D
}
```

Border

The CSS property to change the border of an element to Hex 31591D 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".

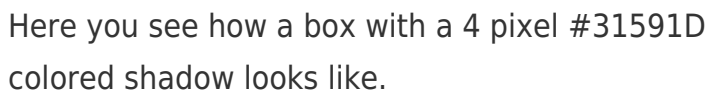
```
.border, #border, table{ border:4px solid
#31591D }
```

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

```
.border{ border-color:#31591D }
```

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

Here you see how a box with a 4 pixel #31591D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31591D; -webkit-box-shadow:4px 4px  
4px 4px #31591D; box-shadow:4px 4px 4px  
4px #31591D }
```

Background

The CSS property to change the background color of an element to Hex 31591D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31591D }
```

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

```
.background{ background-color:#31591D }
```

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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