

Converting Colors

Hex(30411A)

Have a look what the booklet for
Hex(30411A) contains.

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Color

Hex(30411A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 30411A |
| RGB | 48, 65, 26 |
| RGB Percent | 19%, 25%, 10% |
| CMY | 0.8118, 0.7451, 0.8980 |
| CMYK | 0.26, 0.00, 0.60, 0.75 |
| HSL | 86°, 43%, 18% |
| HSV | 86°, 60%, 25% |
| XYZ | 3.2957, 4.4836, 1.6690 |
| YIQ | 55.4710, 2.3870, -15.7330 |

Conversions

Conversions Part 2

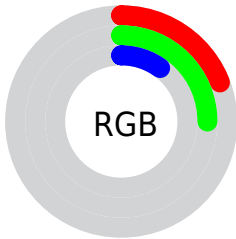
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 26, 65, 43 |
| Decimal | 3162394 |
| CIE Lab | 25.21, -14.58, 21.37 |
| CIE LCh | 25, 25.872, 124.311 |
| Yxy | 4.4836, 0.3488, 0.4745 |
| Android (android.graphics.Color) | 4281352474 (0xFF30411A) |
| YUV | 55.4710, -14.5292, -6.5521 |
| Hunter-Lab | 21.1744, -9.2727, 10.1488 |

Details

The Hex color **30411A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2B1A41**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **5F7147**, and **001800** is the 20% darker color. If you saturate the color by 10%, you get **2D4114**, and if you desaturate by 10%, it is **334121**.

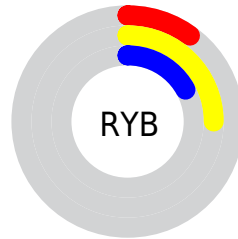
Distribution



Red (19%)

Green (25%)

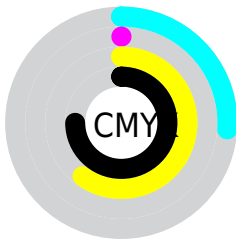
Blue (10%)



Red (10%)

Yellow (25%)

Blue (17%)

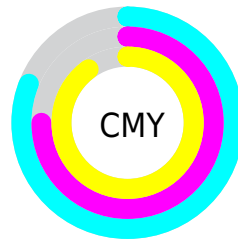


Cyan (26%)

Magenta (0%)

Yellow (60%)

Black (75%)



Cyan (81%)

Magenta (75%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30411A 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 30411A by changing the saturation by 10% instead.

 30411A

 30411A

FFFFFF

 1B2B01

 5F7147

 001800

 788A5F

 000000

 92A578

 ADC091

 C9DCAC

 E5F8C7

 FFFFE4

 30411A

 30411A

■ 2D4114

■ 334121

■ 2A410D

■ 364127

■ 284106

■ 39412D

■ 254100

■ 3B4134

■ 3E413B

■ 414141

■ 444148

■ 47414E

■ 4A4155

Harmonies

Analogous

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



443C13



30411A



14442A

Triad

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



30411A



00425F



602B3A

Complementary

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



30411A



2B1A41

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.



562E4D



30411A



1D3D63

Square

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



30411A



004551



41365C



5E2E27

Rectangle

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



30411A



004537



41365C



5E2B40

Sweetspot

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



30411A



4E5445



412B1A



272B22



ABABAB



2B2B2B

Same Dimension

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



30411A



3A5418



1D411A



20211E



376100



7FE000

Inverse Universe

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



2B1A41



321854



3E1A41



1F1E21



2A0061



6200E0

Previews

White Background



This preview shows how the Hex color 30411A looks on a white background.

Color Contrast Check

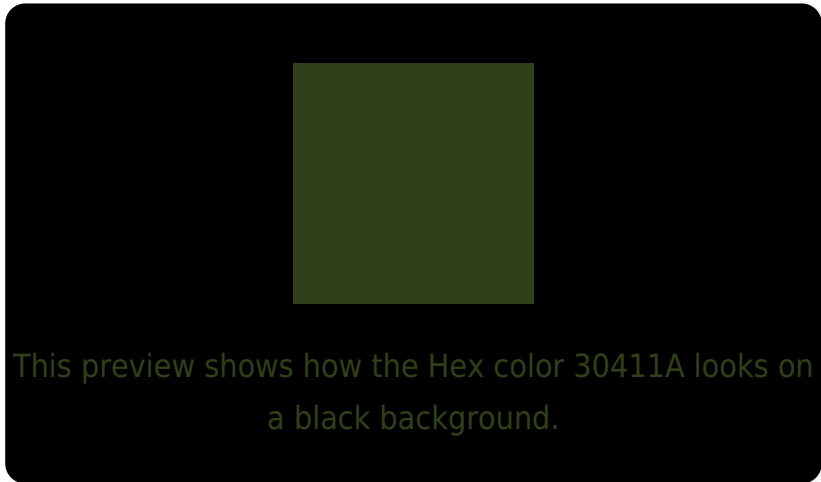
Large Text (above 18pt) WCAG AA ✓ Pass

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

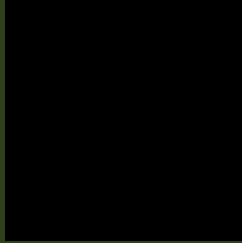
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

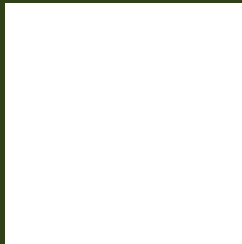
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 30411A Background



This preview shows how black text looks on a background with the Hex color 30411A.



This preview shows how white text looks on a background with the Hex color 30411A.

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
30411A

Protanopia
423C18

Deuteranopia
4A391C



Tritanopia
353D42

Trichromacy



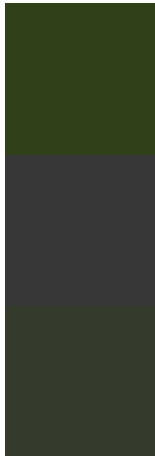
Original Color
30411A

Protanomaly
3B3E19

Deuteranomaly
413C1B

Tritanomaly
333E33

Monochromacy



Original Color
30411A

Achromatopsia
373737

Achromatomaly
343B2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 30411A 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 #30411A looks like.

```
.text, #text, p{  
    color:#30411A  
}
```

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 #30411A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30411A
}
```

Border

The CSS property to change the border of an element to Hex 30411A 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".

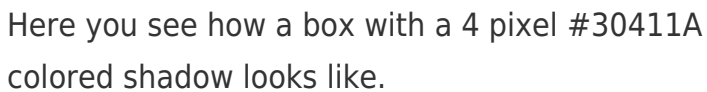
```
.border, #border, table{ border:4px solid
#30411A }
```

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

```
.border{ border-color:#30411A }
```

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

Here you see how a box with a 4 pixel #30411A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30411A; -webkit-box-shadow:4px 4px  
4px 4px #30411A; box-shadow:4px 4px 4px  
4px #30411A }
```

Background

The CSS property to change the background color of an element to Hex 30411A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30411A }
```

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

```
.background{ background-color:#30411A }
```

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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