

Converting Colors

Hex(30471A)

Have a look what the booklet for
Hex(30471A) contains.

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Color

Hex(30471A)

Conversions

Conversions Part 1

Format	Color
Hex	30471A
RGB	48, 71, 26
RGB Percent	19%, 28%, 10%
CMY	0.8118, 0.7216, 0.8980
CMYK	0.32, 0.00, 0.63, 0.72
HSL	91°, 46%, 19%
HSV	91°, 63%, 28%
XYZ	3.6586, 5.2094, 1.7900
YIQ	58.9930, 0.7370, -18.8710

Conversions

Conversions Part 2

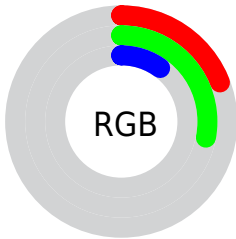
Format	Color
R_{YB}	26, 71, 49
Decimal	3163930
CIE _{Lab}	27.32, -17.92, 23.84
CIE _{LCh}	27, 29.823, 126.924
Y _{xy}	5.2094, 0.3433, 0.4888
Android (android.graphics.Color)	4281354010 (0xFF30471A)
YUV	58.9930, -16.2655, -9.6409
Hunter-Lab	22.8242, -11.3296, 11.3271

Details

The Hex color **30471A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **311A47**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **607847**, and **001D00** is the 20% darker color. If you saturate the color by 10%, you get **2C4713**, and if you desaturate by 10%, it is **344721**.

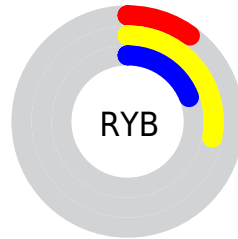
Distribution



Red (19%)

Green (28%)

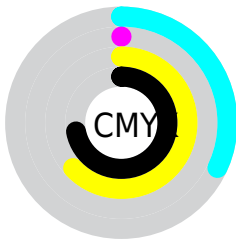
Blue (10%)



Red (10%)

Yellow (28%)

Blue (19%)

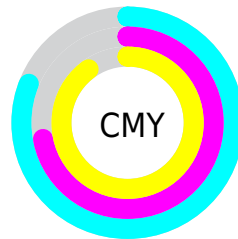


Cyan (32%)

Magenta (0%)

Yellow (63%)

Black (72%)



Cyan (81%)

Magenta (72%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30471A 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 30471A by changing the saturation by 10% instead.



30471A



30471A

FFFFFF



1A3002



607847



001D00



79915F



000000



93AC78



AEC792



CAE3AD



E6FFC8



FFFFE5



30471A



30471A

■ 2C4713

■ 344721

■ 29470C

■ 374728

■ 254705

■ 3B472F

■ 234700

■ 3F4736

■ 42473E

■ 464745

■ 49474C

■ 4D4753

■ 51475A

Harmonies

Analogous

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



484110



30471A



084A2E

Triad

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



30471A



00486A



6A2C3C

Complementary

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



30471A



311A47

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.



612F53



30471A



1E416E

Square

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



30471A



004B5B



493865



683026

Rectangle

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



30471A



004C3D



493865



692C44

Sweetspot

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



30471A



535C4A



47311A



292E23



ADADAD



2E2E2E

Same Dimension

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



30471A



385C16



1A471A



222420



316300



6FE300

Inverse Universe

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



311A47



3A165C



471A47



222024



330063



7400E3

Previews

White Background



This preview shows how the Hex color 30471A looks on a white background.

Color Contrast Check

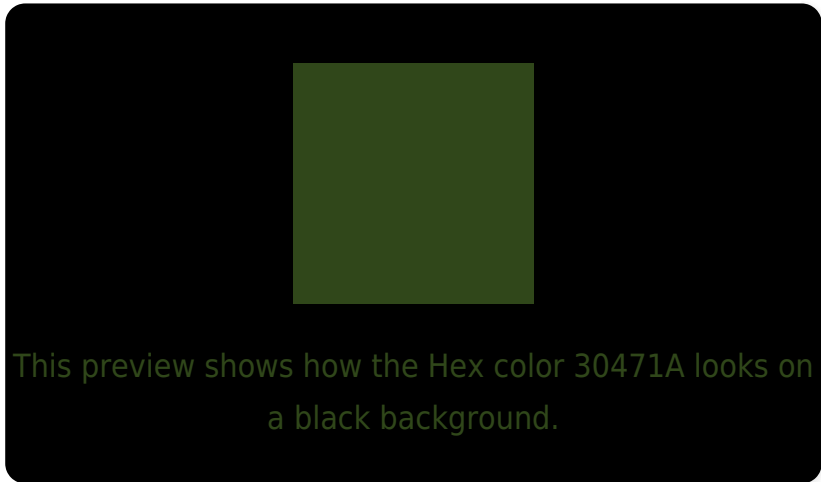
Large Text (above 18pt) WCAG AA ✓ Pass

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

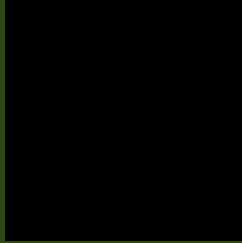
Any Text WCAG AA × Fail

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 30471A Background



This preview shows how black text looks on a background with the Hex color 30471A.



This preview shows how white text looks on a background with the Hex color 30471A.

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](#).

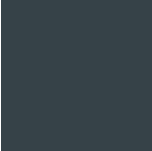
Dichromacy



Original Color
30471A

Protanopia
484118

Deuteranopia
503D1D



Tritanopia
364248

Trichromacy



Original Color
30471A

Protanomaly
3F4319

Deuteranomaly
44411C

Tritanomaly
344437

Monochromacy



Original Color
30471A

Achromatopsia
3B3B3B

Achromatomaly
373F2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 30471A 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 #30471A looks like.

```
.text, #text, p{  
    color:#30471A  
}
```

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 #30471A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30471A
}
```

Border

The CSS property to change the border of an element to Hex 30471A is called "border". The border property can be set on classes, ids or directly on the HTML element.

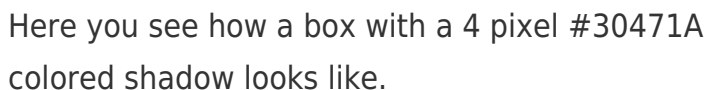
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#30471A }
```

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

```
.border{ border-color:#30471A }
```

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



Here you see how a box with a 4 pixel #30471A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30471A; -webkit-box-shadow:4px 4px  
4px 4px #30471A; box-shadow:4px 4px 4px  
4px #30471A }
```

Background

The CSS property to change the background color of an element to Hex 30471A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30471A }
```

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

```
.background{ background-color:#30471A }
```

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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