

Converting Colors

Hex(30491D)

Have a look what the booklet for
Hex(30491D) contains.

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Color

Hex(30491D)

Conversions

Conversions Part 1

Format	Color
Hex	30491D
RGB	48, 73, 29
RGB Percent	19%, 29%, 11%
CMY	0.8118, 0.7137, 0.8863
CMYK	0.34, 0.00, 0.60, 0.71
HSL	94°, 43%, 20%
HSV	94°, 60%, 29%
XYZ	3.8232, 5.4822, 2.0191
YIQ	60.5090, -0.7760, -18.9840

Conversions

Conversions Part 2

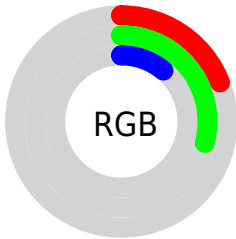
Format	Color
R_{YB}	29, 73, 54
Decimal	3164445
CIE Lab	28.07, -18.62, 23.04
CIE LCh	28, 29.626, 128.951
Yxy	5.4822, 0.3376, 0.4841
Android (android.graphics.Color)	4281354525 (0xFF30491D)
YUV	60.5090, -15.5339, -10.9704
Hunter-Lab	23.4140, -11.8276, 11.2771

Details

The Hex color **30491D** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **361D49**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **607A4A**, and **001E00** is the 20% darker color. If you saturate the color by 10%, you get **2C4916**, and if you desaturate by 10%, it is **344924**.

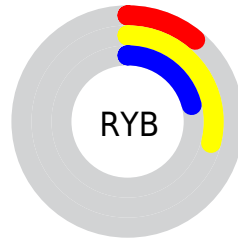
Distribution



Red (19%)

Green (29%)

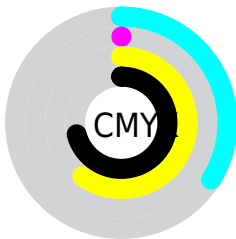
Blue (11%)



Red (11%)

Yellow (29%)

Blue (21%)

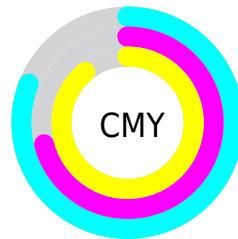


Cyan (34%)

Magenta (0%)

Yellow (60%)

Black (71%)



Cyan (81%)

Magenta (71%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30491D 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 30491D by changing the saturation by 10% instead.



30491D



30491D

FFFFFF



1A3206



607A4A



001E00



799462



000000



93AE7C



AECA96



CAE6B0



E6FFCC



FFFFE8



30491D



30491D

■ 2C4916

■ 344924

■ 28490E

■ 38492C

■ 244907

■ 3C4933

■ 204900

■ 41493A

■ 454942

■ 494949

■ 4D4950

■ 514957

■ 55495F

Harmonies

Analogous

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



484312



30491D



074C31

Triad

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



30491D



00496C



6C2E3C

Complementary

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



30491D



361D49

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.



633153



30491D



25426F

Square

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



30491D



004D5E



4D3966



693327

Rectangle

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



30491D



004D41



4D3966



6B2E44

Sweetspot

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



30491D



555E4D



49361D



2A3026



B0B0B0



303030

Same Dimension

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



30491D



385E1A



1D4920



222420



2B6300



62E300

Inverse Universe

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



361D49



411A5E



491D46



222024



390063



8100E3

Previews

White Background



This preview shows how the Hex color 30491D looks on a white background.

Color Contrast Check

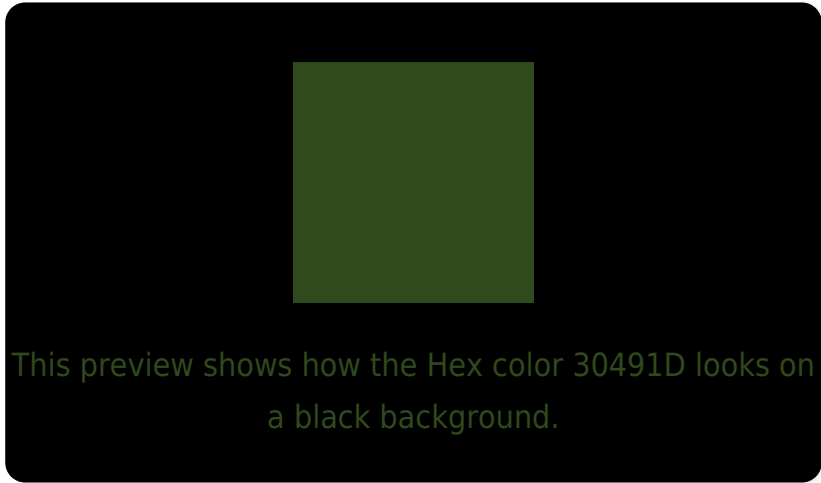
Large Text (above 18pt) WCAG AA ✓ Pass

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

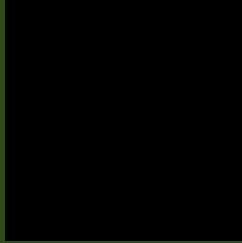
Any Text WCAG AA × Fail

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 30491D Background



This preview shows how black text looks on a background with the Hex color 30491D.



This preview shows how white text looks on a background with the Hex color 30491D.

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
30491D

Protanopia
4A21B

Deuteranopia
523F20



Tritanopia
37444A

Trichromacy



Original Color
30491D

Protanomaly
41451C

Deuteranomaly
46431F

Tritanomaly
34463A

Monochromacy



Original Color
30491D

Achromatopsia
3D3D3D

Achromatomaly
384131

CSS Examples

Text

The CSS property to change the color of the text to Hex 30491D 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 #30491D looks like.

```
.text, #text, p{  
    color:#30491D  
}
```

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 #30491D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30491D
}
```

Border

The CSS property to change the border of an element to Hex 30491D 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
#30491D }
```

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

```
.border{ border-color:#30491D }
```

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

Here you see how a box with a 4 pixel #30491D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30491D; -webkit-box-shadow:4px 4px  
4px 4px #30491D; box-shadow:4px 4px 4px  
4px #30491D }
```

Background

The CSS property to change the background color of an element to Hex 30491D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30491D }
```

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

```
.background{ background-color:#30491D }
```

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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