

Converting Colors

Hex(2F491D)

Have a look what the booklet for
Hex(2F491D) contains.

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Color

Hex(2F491D)

Conversions

Conversions Part 1

Format	Color
Hex	2F491D
RGB	47, 73, 29
RGB Percent	18%, 29%, 11%
CMY	0.8157, 0.7137, 0.8863
CMYK	0.36, 0.00, 0.60, 0.71
HSL	95°, 43%, 20%
HSV	95°, 60%, 29%
XYZ	3.7766, 5.4581, 2.0169
YIQ	60.2100, -1.3720, -19.1960

Conversions

Conversions Part 2

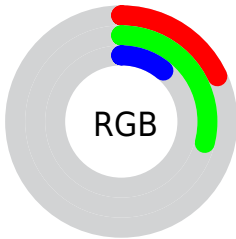
Format	Color
R_{YB}	29, 73, 55
Decimal	3098909
CIE _{Lab}	28.00, -19.05, 22.95
CIE _{LCh}	28, 29.822, 129.692
Yxy	5.4581, 0.3357, 0.4851
Android (android.graphics.Color)	4281288989 (0xFF2F491D)
YUV	60.2100, -15.3865, -11.5852
Hunter-Lab	23.3626, -12.0299, 11.2354

Details

The Hex color **2F491D** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **371D49**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5F7A4A**, and **001E00** is the 20% darker color. If you saturate the color by 10%, you get **2B4916**, and if you desaturate by 10%, it is **334924**.

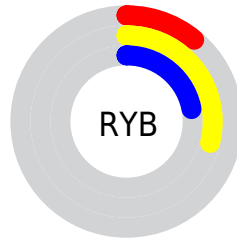
Distribution



Red (18%)

Green (29%)

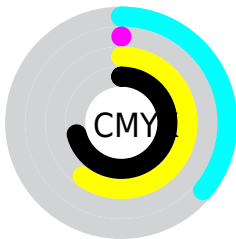
Blue (11%)



Red (11%)

Yellow (29%)

Blue (22%)

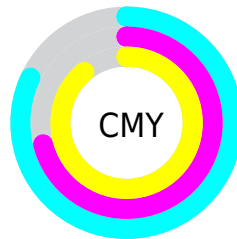


Cyan (36%)

Magenta (0%)

Yellow (60%)

Black (71%)



Cyan (82%)

Magenta (71%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F491D 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 2F491D by changing the saturation by 10% instead.



2F491D



2F491D

FFFFFF



193206



5F7A4A



001E00



789462



000000



92AE7C



ADCA96



C9E6B0



E5FFCC



FFFFE8



2F491D



2F491D

■ 2B4916

■ 334924

■ 26490E

■ 38492C

■ 224907

■ 3C4933

■ 1E4900

■ 40493A

■ 454942

■ 494949

■ 4D4950

■ 524957

■ 56495F

Harmonies

Analogous

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



484312



2F491D



044C31

Triad

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



2F491D



00496D



6C2E3C

Complementary

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



2F491D



371D49

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.



643052



2F491D



25426F

Square

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



2F491D



004C5F



4D3966



693326

Rectangle

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



2F491D



004D41



4D3966



6B2E43

Sweetspot

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



2F491D



545E4D



49371D



2A3026



B0B0B0



303030

Same Dimension

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



2F491D



365E1A



1D4921



222420



296300



5DE300

Inverse Universe

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



371D49



431A5E



491D45



222024



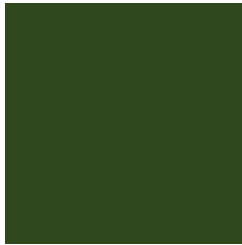
3B0063



8600E3

Previews

White Background



This preview shows how the Hex color 2F491D looks on a white background.

Color Contrast Check

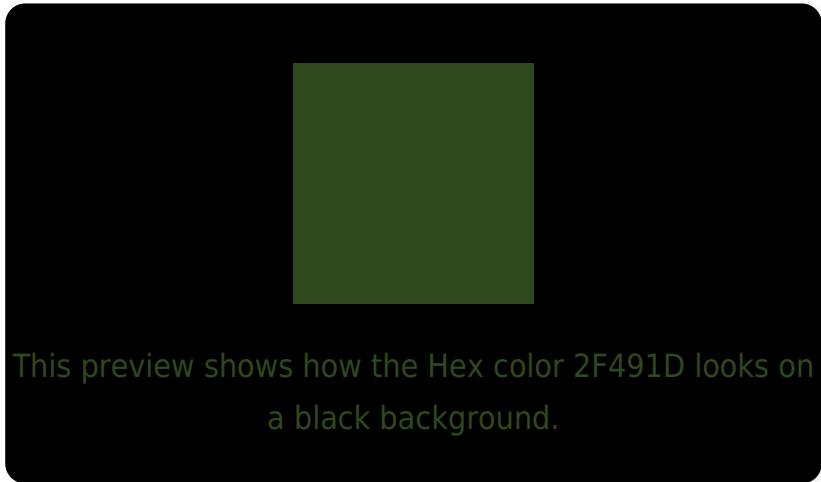
Large Text (above 18pt) WCAG AA ✓ Pass

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

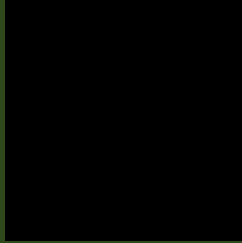
Any Text WCAG AA × Fail

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 2F491D Background



This preview shows how black text looks on a background with the Hex color 2F491D.



This preview shows how white text looks on a background with the Hex color 2F491D.

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](#).

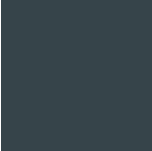
Dichromacy



Original Color
2F491D

Protanopia
49421B

Deuteranopia
513F20



Tritanopia
36444A

Trichromacy



Original Color
2F491D

Protanomaly
40451C

Deuteranomaly
45431F

Tritanomaly
33463A

Monochromacy



Original Color
2F491D

Achromatopsia
3C3C3C

Achromatomaly
374131

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F491D 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 #2F491D looks like.

```
.text, #text, p{  
    color:#2F491D  
}
```

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 #2F491D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F491D
}
```

Border

The CSS property to change the border of an element to Hex 2F491D 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
#2F491D }
```

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

```
.border{ border-color:#2F491D }
```

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

Here you see how a box with a 4 pixel #2F491D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F491D; -webkit-box-shadow:4px 4px  
4px 4px #2F491D; box-shadow:4px 4px 4px  
4px #2F491D }
```

Background

The CSS property to change the background color of an element to Hex 2F491D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F491D }
```

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

```
.background{ background-color:#2F491D }
```

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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