

Converting Colors

Hex(2D491F)

Have a look what the booklet for
Hex(2D491F) contains.

Hex(2D491F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2D491F)

Conversions

Conversions Part 1

Format	Color
Hex	2D491F
RGB	45, 73, 31
RGB Percent	18%, 29%, 12%
CMY	0.8235, 0.7137, 0.8784
CMYK	0.38, 0.00, 0.58, 0.71
HSL	100°, 40%, 20%
HSV	100°, 58%, 29%
XYZ	3.7121, 5.4219, 2.1472
YIQ	59.8400, -3.2060, -18.9980

Conversions

Conversions Part 2

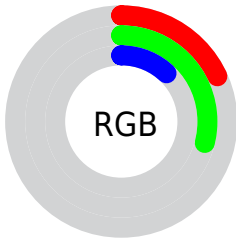
Format	Color
R_{YB}	31, 73, 59
Decimal	2967839
CIE _{Lab}	27.90, -19.60, 21.66
CIE _{LCh}	28, 29.216, 132.142
Yxy	5.4219, 0.3290, 0.4806
Android (android.graphics.Color)	4281157919 (0xFF2D491F)
YUV	59.8400, -14.2181, -13.0147
Hunter-Lab	23.2850, -12.2925, 10.8321

Details

The Hex color **2D491F** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3B1F49**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5D7A4C**, and **001E00** is the 20% darker color. If you saturate the color by 10%, you get **284918**, and if you desaturate by 10%, it is **324926**.

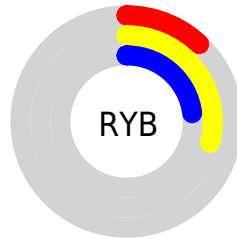
Distribution



Red (18%)

Green (29%)

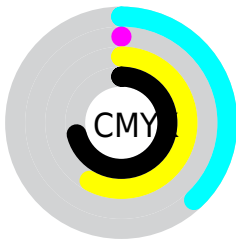
Blue (12%)



Red (12%)

Yellow (29%)

Blue (23%)

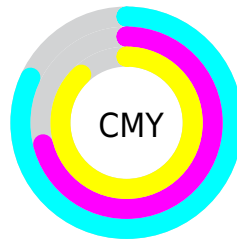


Cyan (38%)

Magenta (0%)

Yellow (58%)

Black (71%)



Cyan (82%)

Magenta (71%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D491F 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 2D491F by changing the saturation by 10% instead.



2D491F



2D491F

FFFFFF



173208



5D7A4C



001E00



769464



000000



90AE7E



ABCA98



C6E6B3



E2FFCE



FFFFEA



2D491F



2D491F

■ 284918

■ 324926

■ 234910

■ 37492E

■ 1E4909

■ 3C4935

■ 1A4902

■ 40493C

■ 184900

■ 454944

■ 4A494B

■ 4F4952

■ 544959

■ 594961

Harmonies

Analogous

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



464413



2D491F



004C33

Triad

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



2D491F



00486C



6B2E3A

Complementary

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



2D491F



3B1F49

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.



643050



2D491F



2A416E

Square

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



2D491F



004C5F



4F3863



673325

Rectangle

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



2D491F



004D43



4F3863



6A2E41

Sweetspot

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



2D491F



545E4E



493B1F



2A3027



B0B0B0



303030

Same Dimension

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



2D491F



335E1D



1F4926



212420



216300



4CE300

Inverse Universe

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



3B1F49



491D5E



491F42



232024



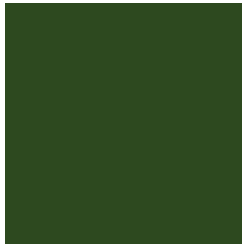
420063



9700E3

Previews

White Background



This preview shows how the Hex color 2D491F looks on a white background.

Color Contrast Check

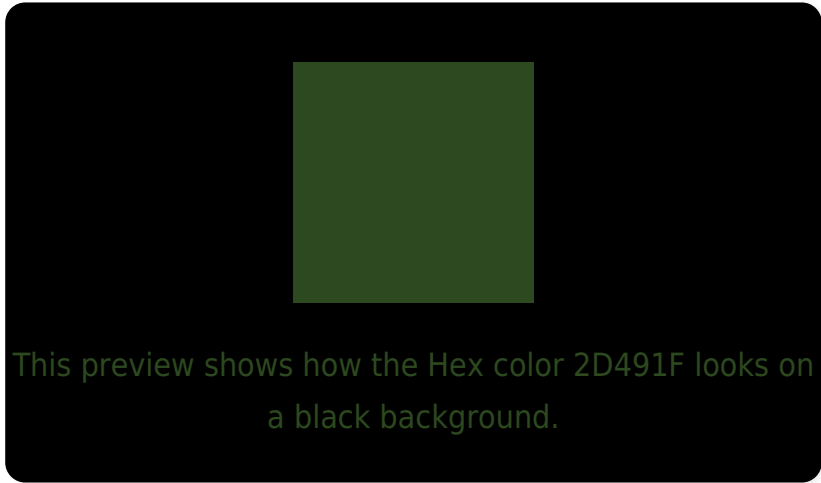
Large Text (above 18pt) WCAG AA ✓ Pass

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

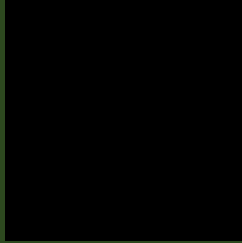
Any Text WCAG AA × Fail

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 2D491F Background



This preview shows how black text looks on a background with the Hex color 2D491F.



This preview shows how white text looks on a background with the Hex color 2D491F.

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](#).

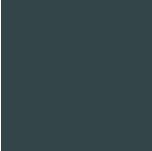
Dichromacy



Original Color
2D491F

Protanopia
49421D

Deuteranopia
513F22



Tritanopia
34454A

Trichromacy



Original Color
2D491F

Protanomaly
3F451E

Deuteranomaly
444321

Tritanomaly
31463A

Monochromacy



Original Color
2D491F

Achromatopsia
3C3C3C

Achromatomaly
374131

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D491F 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 #2D491F looks like.

```
.text, #text, p{  
    color:#2D491F  
}
```

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 #2D491F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D491F
}
```

Border

The CSS property to change the border of an element to Hex 2D491F 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".

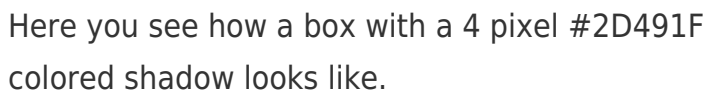
```
.border, #border, table{ border:4px solid
#2D491F }
```

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

```
.border{ border-color:#2D491F }
```

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

Here you see how a box with a 4 pixel #2D491F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D491F; -webkit-box-shadow:4px 4px  
4px 4px #2D491F; box-shadow:4px 4px 4px  
4px #2D491F }
```

Background

The CSS property to change the background color of an element to Hex 2D491F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D491F }
```

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

```
.background{ background-color:#2D491F }
```

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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