

Converting Colors

Hex(2D891F)

Have a look what the booklet for
Hex(2D891F) contains.

Hex(2D891F)	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(2D891F)

Conversions

Conversions Part 1

Format	Color
Hex	2D891F
RGB	45, 137, 31
RGB Percent	18%, 54%, 12%
CMY	0.8235, 0.4627, 0.8784
CMYK	0.67, 0.00, 0.77, 0.46
HSL	112°, 63%, 33%
HSV	112°, 77%, 54%
XYZ	10.2752, 18.5481, 4.3349
YIQ	97.4080, -20.8060, -52.4700

Conversions

Conversions Part 2

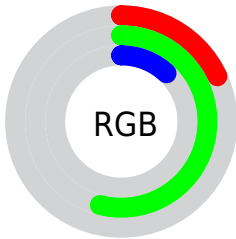
Format	Color
R_{YB}	31, 137, 123
Decimal	2984223
CIE Lab	50.15, -46.96, 45.77
CIE LCh	50, 65.573, 135.737
Yxy	18.5481, 0.3099, 0.5594
Android (android.graphics.Color)	4281174303 (0xFF2D891F)
YUV	97.4080, -32.7391, -45.9618
Hunter-Lab	43.0675, -32.7812, 24.1795

Details

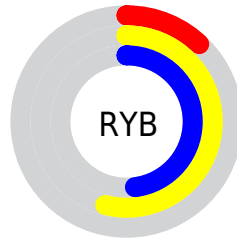
The Hex color **2D891F** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **7B1F89**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **68BF53**, and **005600** is the 20% darker color. If you saturate the color by 10%, you get **218911**, and if you desaturate by 10%, it is **39892D**.

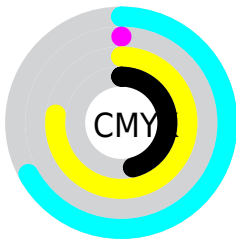
Distribution



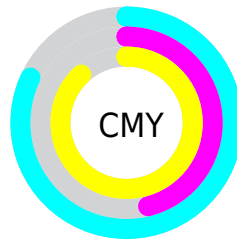
- Red (18%)
- Green (54%)
- Blue (12%)



- Red (12%)
- Yellow (54%)
- Blue (48%)



- Cyan (67%)
- Magenta (0%)
- Yellow (77%)
- Black (46%)



- Cyan (82%)
- Magenta (46%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D891F 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 2D891F by changing the saturation by 10% instead.



2D891F



2D891F

FFFFFF



006F00



68BF53



005600



84DC6D



003D00



A0F888



002800



BDFFA3



000100



DAFFBF



000000



F8FFDB



FFFFFF8



2D891F



2D891F

■ 218911

■ 39892D

■ 158904

■ 45893A

■ 128900

■ 518948

■ 5D8956

■ 688964

■ 748971

■ 80897F

■ 8C898D

■ 98899A

Harmonies

Analogous

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



757E00



2D891F



008F5A

Triad

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



2D891F



0085E4



D93A5D

Complementary

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



2D891F



7B1F89

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.



CD3E94



2D891F



2974E4

Square

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



2D891F



008EC7



9E5AC6



C95128

Rectangle

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



2D891F



009081



9E5AC6



D9376F

Sweetspot

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



2D891F



8FB389



897B1F



445940



D9D9D9



595959

Same Dimension

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



2D891F



22B30C



1F8946



3F453E



128500



010500

Inverse Universe

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



7B1F89



9D0CB3



891F62



443E45



730085



040005

Previews

White Background



This preview shows how the Hex color 2D891F looks on a white background.

Color Contrast Check

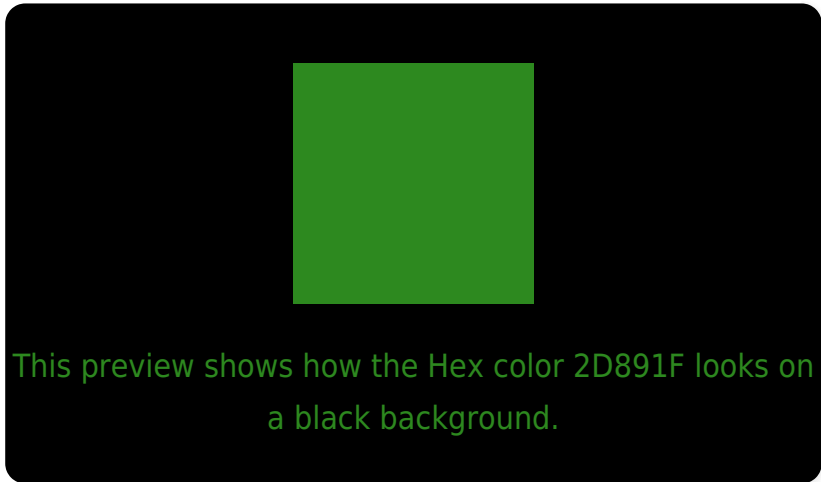
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 × Fail

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

Hex 2D891F Background



This preview shows how black text looks on a background with the Hex color 2D891F.



This preview shows how white text looks on a background with the Hex color 2D891F.

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
2D891F

Protanopia
85771A

Deuteranopia
94712A



Tritanopia
46808A

Trichromacy



Original Color
2D891F



Protanomaly
657E1C



Deuteranomaly
6F7A26



Tritanomaly
3D8363

Monochromacy



Original Color
2D891F



Achromatopsia
616161



Achromatomaly
4E7049

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D891F 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 #2D891F looks like.

```
.text, #text, p{  
    color:#2D891F  
}
```

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 #2D891F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D891F
}
```

Border

The CSS property to change the border of an element to Hex 2D891F 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
#2D891F }
```

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

```
.border{ border-color:#2D891F }
```

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

Here you see how a box with a 4 pixel #2D891F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D891F; -webkit-box-shadow:4px 4px  
4px 4px #2D891F; box-shadow:4px 4px 4px  
4px #2D891F }
```

Background

The CSS property to change the background color of an element to Hex 2D891F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D891F }
```

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

```
.background{ background-color:#2D891F }
```

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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