

Converting Colors

Hex(2F831A)

Have a look what the booklet for
Hex(2F831A) contains.

Hex(2F831A)	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(2F831A)

Conversions

Conversions Part 1

Format	Color
Hex	2F831A
RGB	47, 131, 26
RGB Percent	18%, 51%, 10%
CMY	0.8157, 0.4863, 0.8980
CMYK	0.64, 0.00, 0.80, 0.49
HSL	108°, 67%, 31%
HSV	108°, 80%, 51%
XYZ	9.4750, 16.9115, 3.7421
YIQ	93.9140, -16.3590, -50.4630

Conversions

Conversions Part 2

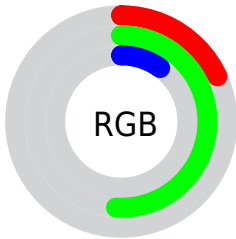
Format	Color
R_{YB}	26, 131, 110
Decimal	3113754
CIE _{Lab}	48.15, -44.66, 45.58
CIE _{LCh}	48, 63.812, 134.421
Yxy	16.9115, 0.3145, 0.5613
Android (android.graphics.Color)	4281303834 (0xFF2F831A)
YUV	93.9140, -33.4816, -41.1436
Hunter-Lab	41.1236, -30.8392, 23.3913

Details

The Hex color **2F831A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **6E1A83**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **68B94F**, and **005000** is the 20% darker color. If you saturate the color by 10%, you get **25830D**, and if you desaturate by 10%, it is **398327**.

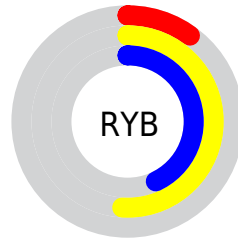
Distribution



Red (18%)

Green (51%)

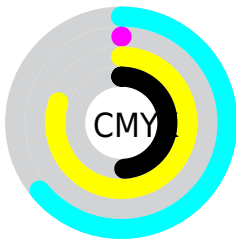
Blue (10%)



Red (10%)

Yellow (51%)

Blue (43%)

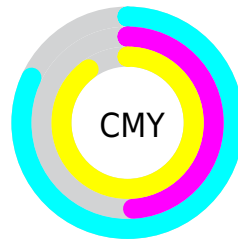


Cyan (64%)

Magenta (0%)

Yellow (80%)

Black (49%)



Cyan (82%)

Magenta (49%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F831A 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 2F831A by changing the saturation by 10% instead.



2F831A



2F831A

FFFFFF



066900



68B94F



005000



84D568



003800



A0F283



002300



BDF9E



000000



DAFFB9



F7FFD6



FFFFF3



2F831A



2F831A

■ 25830D

■ 398327

■ 1A8300

■ 448334

■ 4E8341

■ 59834E

■ 63835B

■ 6E8369

■ 788376

■ 838383

■ 8D8390

Harmonies

Analogous

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



727800



2F831A



008953

Triad

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



2F831A



0080DB



D1365B

Complementary

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



2F831A



6E1A83

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.



C43C91



2F831A



1670DC

Square

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



2F831A



0088BD



9457C0



C34C28

Rectangle

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



2F831A



008A79



9457C0



D0346D

Sweetspot

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



2F831A



8AAB82



836E1A



43573E



D6D6D6



575757

Same Dimension

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



2F831A



28AB07



1A833A



3D423C



1A8200



010300

Inverse Universe

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



6E1A83



8A07AB



831A64



413C42



680082



020003

Previews

White Background



This preview shows how the Hex color 2F831A looks on a white background.

Color Contrast Check

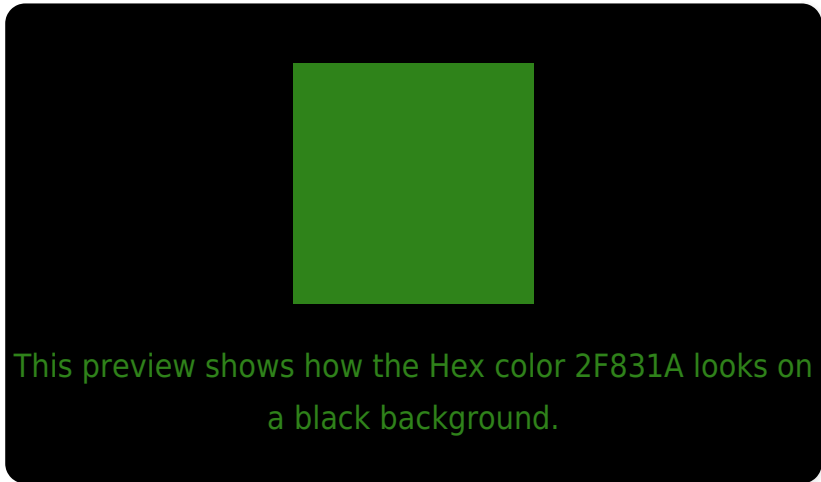
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

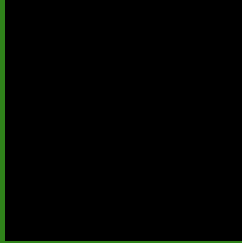
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 2F831A Background



This preview shows how black text looks on a background with the Hex color 2F831A.



This preview shows how white text looks on a background with the Hex color 2F831A.

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
2F831A

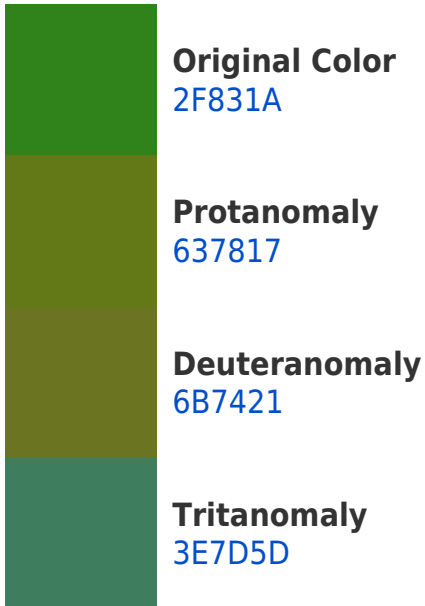
Protanopia
807216

Deuteranopia
8E6C25

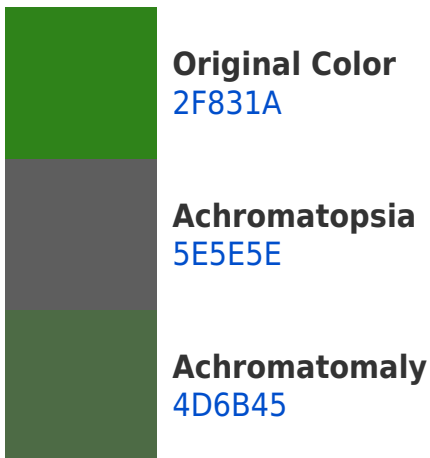


Tritanopia
467A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2F831A 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 #2F831A looks like.

```
.text, #text, p{  
    color:#2F831A  
}
```

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 #2F831A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F831A
}
```

Border

The CSS property to change the border of an element to Hex 2F831A 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
#2F831A }
```

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

```
.border{ border-color:#2F831A }
```

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

Here you see how a box with a 4 pixel #2F831A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F831A; -webkit-box-shadow:4px 4px  
4px 4px #2F831A; box-shadow:4px 4px 4px  
4px #2F831A }
```

Background

The CSS property to change the background color of an element to Hex 2F831A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F831A }
```

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

```
.background{ background-color:#2F831A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor