

Converting Colors

Hex(2F8011)

Have a look what the booklet for
Hex(2F8011) contains.

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Color

Hex(2F8011)

Conversions

Conversions Part 1

Format	Color
Hex	2F8011
RGB	47, 128, 17
RGB Percent	18%, 50%, 7%
CMY	0.8157, 0.4980, 0.9333
CMYK	0.63, 0.00, 0.87, 0.50
HSL	104°, 77%, 28%
HSV	104°, 87%, 50%
XYZ	8.9926, 16.0832, 3.1607
YIQ	91.1270, -12.6450, -51.6930

Conversions

Conversions Part 2

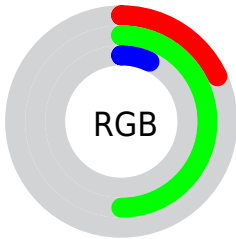
Format	Color
RYB	17, 128, 98
Decimal	3112977
CIELab	47.08, -44.08, 47.30
CIELCh	47, 64.652, 132.981
Yxy	16.0832, 0.3185, 0.5696
Android (android.graphics.Color)	4281303057 (0xFF2F8011)
YUV	91.1270, -36.5446, -38.6994
Hunter-Lab	40.1038, -30.1559, 23.3998

Details

The Hex color **2F8011** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **621180**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **68B648**, and **004D00** is the 20% darker color. If you saturate the color by 10%, you get **268004**, and if you desaturate by 10%, it is **38801E**.

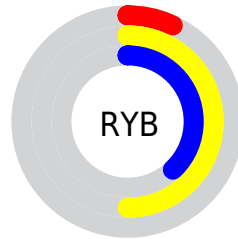
Distribution



Red (18%)

Green (50%)

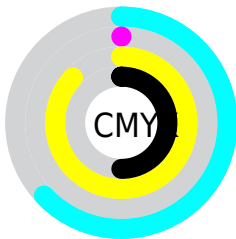
Blue (7%)



Red (7%)

Yellow (50%)

Blue (38%)

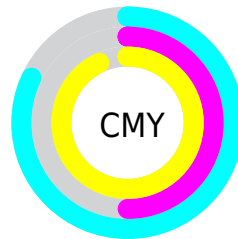


Cyan (63%)

Magenta (0%)

Yellow (87%)

Black (50%)



Cyan (82%)

Magenta (50%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F8011 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 2F8011 by changing the saturation by 10% instead.



2F8011



2F8011

FFFFFF



076600



68B648



004D00



84D262



003600



A0EE7C



002000



BCFF97



000000



D9FFB3



F7FFCF



FFFFEC



2F8011



2F8011

■ 268004

■ 38801E

■ 238000

■ 42802B

■ 4B8037

■ 548044

■ 5E8051

■ 67805E

■ 70806B

■ 7A8077

■ 838084

Harmonies

Analogous

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



717500



2F8011



00864E

Triad

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



2F8011



007FD8



CF305B

Complementary

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



2F8011



621180

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.



C03891



2F8011



006EDB

Square

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



2F8011



0086B9



8E55C0



C14727

Rectangle

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



2F8011



008774



8E55C0



CD2E6D

Sweetspot

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



2F8011



86A67B



806111



41543A



D4D4D4



545454

Same Dimension

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



2F8011



2DA600



118029



3B4039



228000



000000

Inverse Universe

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



621180



7900A6



801168



3E3940



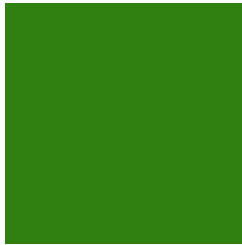
5D0080



000000

Previews

White Background



This preview shows how the Hex color 2F8011 looks on a white background.

Color Contrast Check

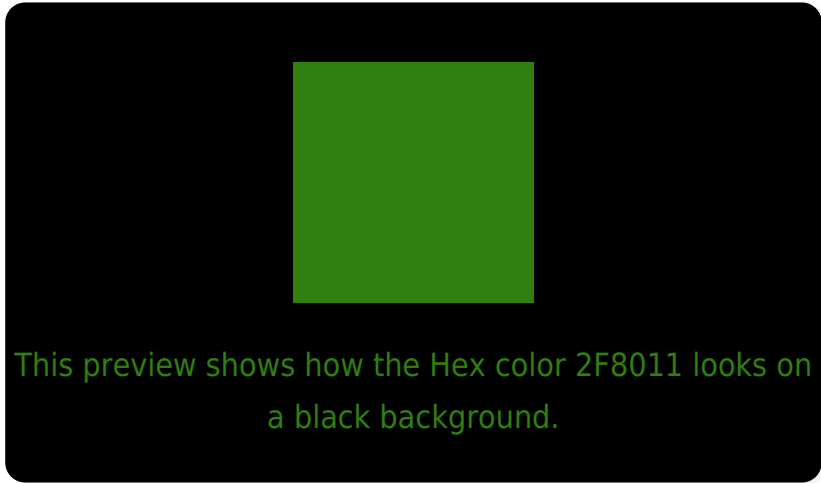
Large Text (above 18pt) WCAG AA ✓ Pass

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

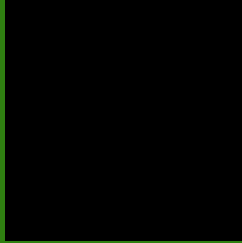
Any Text WCAG AA × Fail

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 2F8011 Background



This preview shows how black text looks on a background with the Hex color 2F8011.



This preview shows how white text looks on a background with the Hex color 2F8011.

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
2F8011

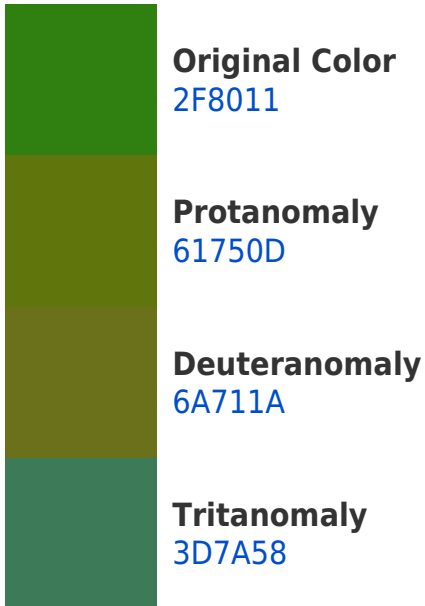
Protanopia
7D6F0B

Deuteranopia
8B691F



Tritanopia
457781

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2F8011 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 #2F8011 looks like.

```
.text, #text, p{  
    color:#2F8011  
}
```

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 #2F8011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F8011
}
```

Border

The CSS property to change the border of an element to Hex 2F8011 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
#2F8011 }
```

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

```
.border{ border-color:#2F8011 }
```

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

Here you see how a box with a 4 pixel #2F8011 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F8011; -webkit-box-shadow:4px 4px  
4px 4px #2F8011; box-shadow:4px 4px 4px  
4px #2F8011 }
```

Background

The CSS property to change the background color of an element to Hex 2F8011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F8011 }
```

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

```
.background{ background-color:#2F8011 }
```

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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