

Converting Colors

Hex(2D8F3A)

Have a look what the booklet for
Hex(2D8F3A) contains.

Hex(2D8F3A)	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(2D8F3A)

Conversions

Conversions Part 1

Format	Color
Hex	2D8F3A
RGB	45, 143, 58
RGB Percent	18%, 56%, 23%
CMY	0.8235, 0.4392, 0.7725
CMYK	0.69, 0.00, 0.59, 0.44
HSL	128°, 52%, 37%
HSV	128°, 69%, 56%
XYZ	11.6684, 20.5083, 7.3465
YIQ	104.0080, -31.1230, -47.2110

Conversions

Conversions Part 2

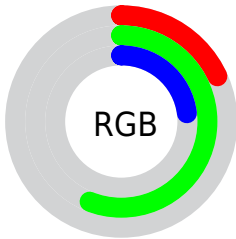
Format	Color
RYB	45, 132, 143
Decimal	2985786
CIELab	52.41, -46.36, 36.52
CIELCh	52, 59.016, 141.768
Yxy	20.5083, 0.2952, 0.5189
Android (android.graphics.Color)	4281175866 (0xFF2D8F3A)
YUV	104.0080, -22.6819, -51.7500
Hunter-Lab	45.2861, -33.2585, 22.0820

Details

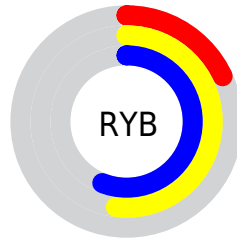
The Hex color **2D8F3A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8F2D82**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **68C66C**, and **005B06** is the 20% darker color. If you saturate the color by 10%, you get **1F8F2E**, and if you desaturate by 10%, it is **3B8F46**.

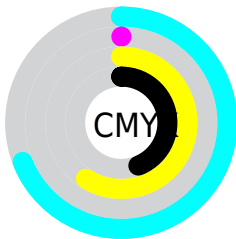
Distribution



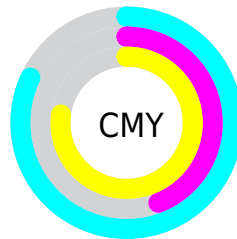
- Red (18%)
- Green (56%)
- Blue (23%)



- Red (18%)
- Yellow (52%)
- Blue (56%)



- Cyan (69%)
- Magenta (0%)
- Yellow (59%)
- Black (44%)



- Cyan (82%)
- Magenta (44%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D8F3A 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 2D8F3A by changing the saturation by 10% instead.

 2D8F3A

 2D8F3A

FFFFFF

 007522

 68C66C

 005B06

 84E286

 004300

 A0FFA1

 002D00

 BDFEBC

 001000

 DAFFD8

 000000

 F7FFF5

 2D8F3A

 2D8F3A

 1F8F2E

 3B8F46

■ 108F21

■ 4A8F53

■ 028F15

■ 588F5F

■ 008F13

■ 668F6C

■ 758F78

■ 838F84

■ 918F91

■ 9F8F9D

■ AE8FAA

Harmonies

Analogous

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



72850A



2D8F3A



00946D

Triad

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



2D8F3A



0087E2



D74D5B

Complementary

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



2D8F3A



8F2D82

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.



D04B8D



2D8F3A



6076DC

Square

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



2D8F3A



0091CC



AC5EBC



C5612D

Rectangle

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



2D8F3A



009590



AC5EBC



D84A6B

Sweetspot

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



2D8F3A



93BA98



848F2D



475E4A



DEDEDE



5E5E5E

Same Dimension

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



2D8F3A



22BA36



2D8F69



404741



008712



000801

Inverse Universe

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



8F2D82



BA22A6



8F2D53



474046



870075



080007

Previews

White Background



This preview shows how the Hex color 2D8F3A looks on a white background.

Color Contrast Check

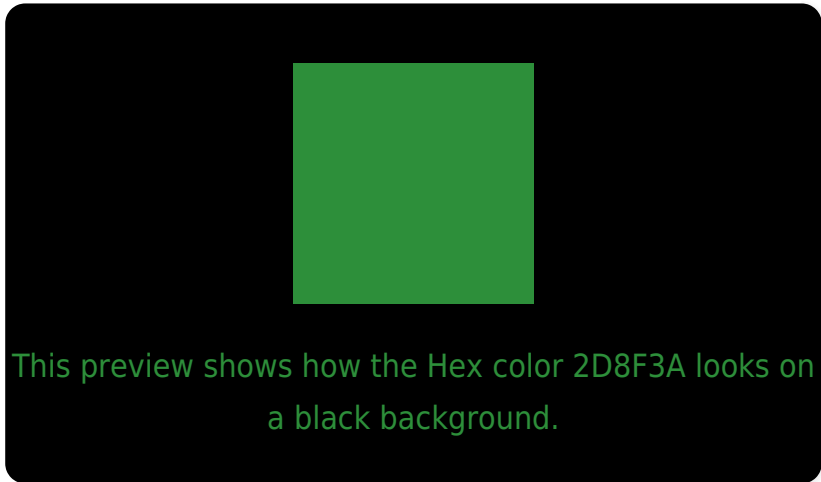
Large Text (above 18pt) WCAG AA ✓ Pass

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 2D8F3A Background



This preview shows how black text looks on a background with the Hex color 2D8F3A.



This preview shows how white text looks on a background with the Hex color 2D8F3A.

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
2D8F3A

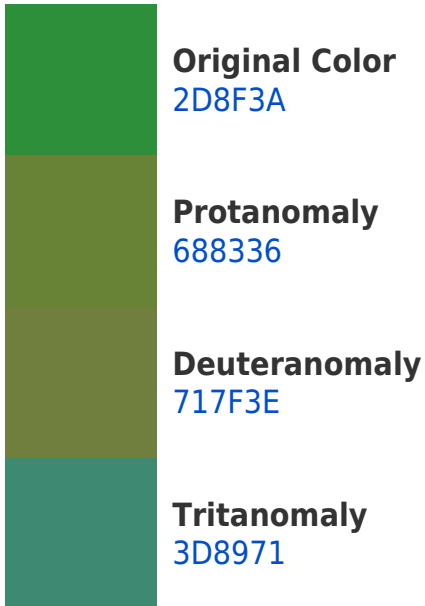
Protanopia
8A7C34

Deuteranopia
987641



Tritanopia
468691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D8F3A 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 #2D8F3A looks like.

```
.text, #text, p{  
    color:#2D8F3A  
}
```

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 #2D8F3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D8F3A
}
```

Border

The CSS property to change the border of an element to Hex 2D8F3A 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
#2D8F3A }
```

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

```
.border{ border-color:#2D8F3A }
```

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

Here you see how a box with a 4 pixel #2D8F3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D8F3A; -webkit-box-shadow:4px 4px  
4px 4px #2D8F3A; box-shadow:4px 4px 4px  
4px #2D8F3A }
```

Background

The CSS property to change the background color of an element to Hex 2D8F3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D8F3A }
```

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

```
.background{ background-color:#2D8F3A }
```

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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