

Converting Colors

Hex(2F953F)

Have a look what the booklet for
Hex(2F953F) contains.

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Color

Hex(2F953F)

Conversions

Conversions Part 1

Format	Color
Hex	2F953F
RGB	47, 149, 63
RGB Percent	18%, 58%, 25%
CMY	0.8157, 0.4157, 0.7529
CMYK	0.68, 0.00, 0.58, 0.42
HSL	129°, 52%, 38%
HSV	129°, 68%, 58%
XYZ	12.8169, 22.4581, 8.3620
YIQ	108.6980, -33.1860, -48.3700

Conversions

Conversions Part 2

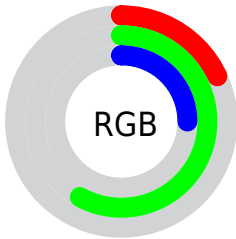
Format	Color
RYB	47, 135, 149
Decimal	3118399
CIELab	54.51, -47.52, 36.56
CIElCh	55, 59.955, 142.430
Yxy	22.4581, 0.2937, 0.5147
Android (android.graphics.Color)	4281308479 (0xFF2F953F)
YUV	108.6980, -22.5291, -54.1091
Hunter-Lab	47.3900, -34.6560, 22.7113

Details

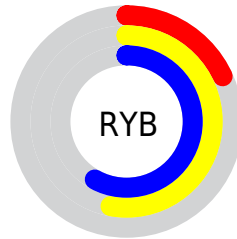
The Hex color **2F953F** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **952F85**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **6ACC71**, and **00610C** is the 20% darker color. If you saturate the color by 10%, you get **209532**, and if you desaturate by 10%, it is **3E954C**.

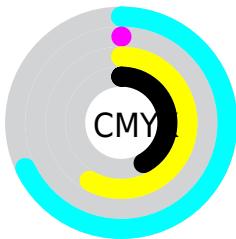
Distribution



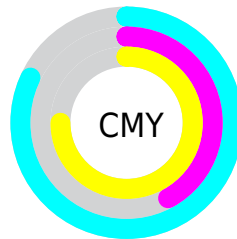
- Red (18%)
- Green (58%)
- Blue (25%)



- Red (18%)
- Yellow (53%)
- Blue (58%)



- Cyan (68%)
- Magenta (0%)
- Yellow (58%)
- Black (42%)



- Cyan (82%)
- Magenta (42%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F953F 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 2F953F by changing the saturation by 10% instead.



2F953F



2F953F

FFFFFF



007B27



6ACC71



00610C



87E98B



004800



A3FFA6



003100



C0FFC2



001800



D0FFDE



000000



F0FFFB



2F953F



2F953F



209532



3E954C

■ 119526

■ 4D9558

■ 029519

■ 5C9565

■ 009517

■ 6B9571

■ 7A957E

■ 88958A

■ 979597

■ A695A4

■ B595B0

Harmonies

Analogous

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



768B10



2F953F



009A73

Triad

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



2F953F



008CE9



DE525E

Complementary

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



2F953F



952F85

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.



D85092



2F953F



687AE3

Square

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



2F953F



0097D4



B463C2



CB6630

Rectangle

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



2F953F



009B97



B463C2



DF4F6F

Sweetspot

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



2F953F



99C29F



86952F



49614C



E0E0E0



616161

Same Dimension

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



2F953F



23C23C



2F9571



434A44



008A16



000A02

Inverse Universe

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



952F85



C223A9



952F53



4A4349



8A0074



0A0009

Previews

White Background



This preview shows how the Hex color 2F953F looks on a white background.

Color Contrast Check

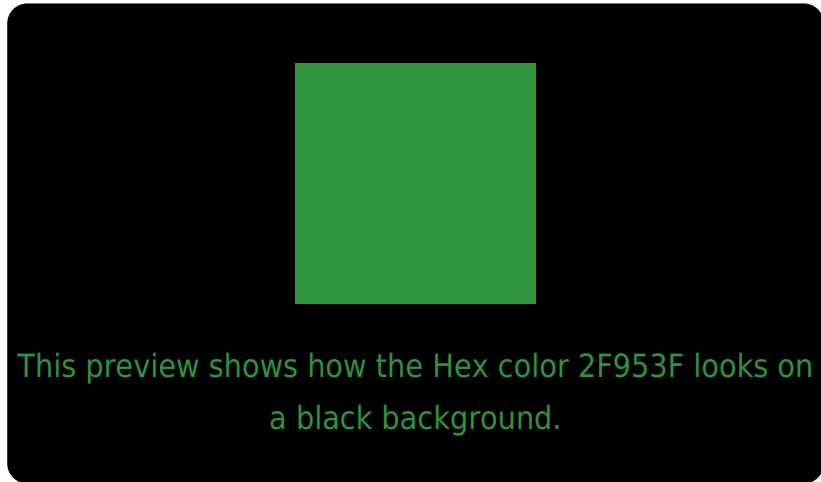
Large Text (above 18pt) WCAG AA ✓ Pass

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 2F953F Background



This preview shows how black text looks on a background with the Hex color 2F953F.



This preview shows how white text looks on a background with the Hex color 2F953F.

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





Tritanopia
498C97

Trichromacy



Original Color
2F953F



Protanomaly
6D893B



Deuteranomaly
768443



Tritanomaly
408F77

Monochromacy



Original Color
2F953F



Achromatopsia
6D6D6D



Achromatomaly
567C5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F953F 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 #2F953F looks like.

```
.text, #text, p{  
    color:#2F953F  
}
```

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 #2F953F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F953F
}
```

Border

The CSS property to change the border of an element to Hex 2F953F 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
#2F953F }
```

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

```
.border{ border-color:#2F953F }
```

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

Here you see how a box with a 4 pixel #2F953F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F953F; -webkit-box-shadow:4px 4px  
4px 4px #2F953F; box-shadow:4px 4px 4px  
4px #2F953F }
```

Background

The CSS property to change the background color of an element to Hex 2F953F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F953F }
```

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

```
.background{ background-color:#2F953F }
```

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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