

Converting Colors

Hex(2F844B)

Have a look what the booklet for
Hex(2F844B) contains.

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Color

Hex(2F844B)

Conversions

Conversions Part 1

Format	Color
Hex	2F844B
RGB	47, 132, 75
RGB Percent	18%, 52%, 29%
CMY	0.8157, 0.4824, 0.7059
CMYK	0.64, 0.00, 0.43, 0.48
HSL	140°, 47%, 35%
HSV	140°, 64%, 52%
XYZ	10.6936, 17.6149, 9.4930
YIQ	100.0870, -32.3630, -35.7470

Conversions

Conversions Part 2

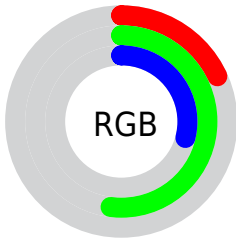
Format	Color
RYB	47, 111, 132
Decimal	3114059
CIELab	49.03, -38.90, 23.43
CIElCh	49, 45.415, 148.943
Yxy	17.6149, 0.2829, 0.4660
Android (android.graphics.Color)	4281304139 (0xFF2F844B)
YUV	100.0870, -12.3679, -46.5573
Hunter-Lab	41.9701, -27.9676, 15.9685

Details

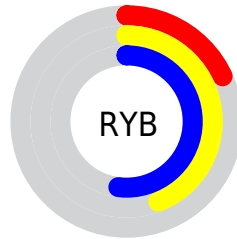
The Hex color **2F844B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **842F68**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **66BA7D**, and **00511D** is the 20% darker color. If you saturate the color by 10%, you get **228442**, and if you desaturate by 10%, it is **3C8454**.

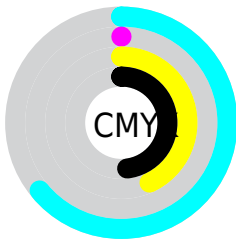
Distribution



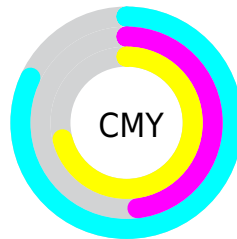
- Red (18%)
- Green (52%)
- Blue (29%)



- Red (18%)
- Yellow (44%)
- Blue (52%)



- Cyan (64%)
- Magenta (0%)
- Yellow (43%)
- Black (48%)



- Cyan (82%)
- Magenta (48%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F844B 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 2F844B by changing the saturation by 10% instead.



2F844B



2F844B

FFFFFF



0B6A34



66BA7D



00511D



82D697



003906



9DF3B1



002500



BAFFCD



000000



D6FFE9



F3FFFF



2F844B



2F844B



228442



3C8454

■ 158439

■ 49845D

■ 078430

■ 578466

■ 00842B

■ 64846E

■ 718477

■ 7E8480

■ 8B8489

■ 998492

■ A6849B

Harmonies

Analogous

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



647D2D



2F844B



008772

Triad

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



2F844B



0679C1



B95651

Complementary

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



2F844B



842F68

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.



B95277



2F844B



736BB8

Square

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



2F844B



0082B6



A25B9D



A86432

Rectangle

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



2F844B



00878C



A25B9D



BB535E

Sweetspot

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



2F844B



8AAB95



69842F



435749



D6D6D6



575757

Same Dimension

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



2F844B



27AB53



2F8474



3C423E



00822B



000301

Inverse Universe

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



842F68



AB2780



842F3F



423C40



820057



030002

Previews

White Background



This preview shows how the Hex color 2F844B looks on a white background.

Color Contrast Check

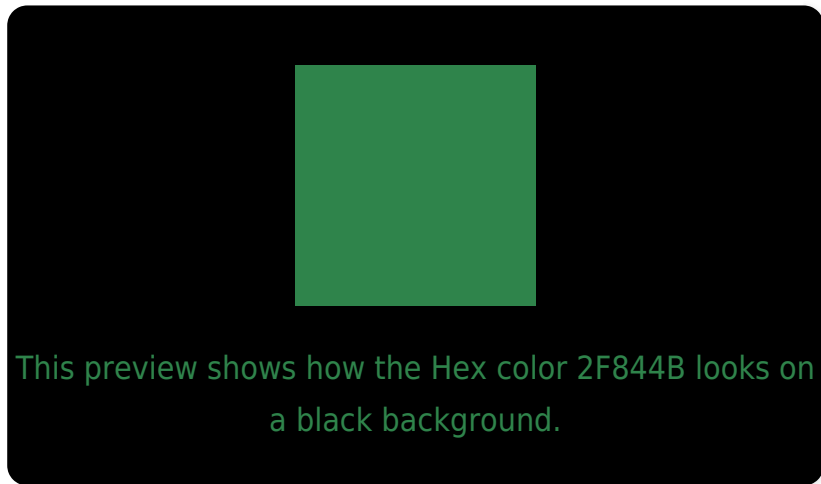
Large Text (above 18pt) WCAG AA ✓ Pass

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

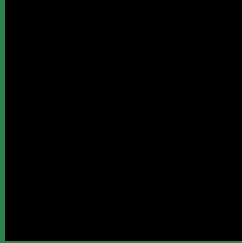
Any Text WCAG AA ✓ Pass

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 2F844B Background



This preview shows how black text looks on a background with the Hex color 2F844B.



This preview shows how white text looks on a background with the Hex color 2F844B.

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
2F844B

Protanopia
7F7445

Deuteranopia
8A6F50



Tritanopia
427D87

Trichromacy



Original Color
2F844B



Protanomaly
627A47



Deuteranomaly
69774E



Tritanomaly
3B8071

Monochromacy



Original Color
2F844B



Achromatopsia
646464



Achromatomaly
51705B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F844B 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 #2F844B looks like.

```
.text, #text, p{  
    color:#2F844B  
}
```

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 #2F844B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F844B
}
```

Border

The CSS property to change the border of an element to Hex 2F844B 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
#2F844B }
```

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

```
.border{ border-color:#2F844B }
```

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

Here you see how a box with a 4 pixel #2F844B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F844B; -webkit-box-shadow:4px 4px  
4px 4px #2F844B; box-shadow:4px 4px 4px  
4px #2F844B }
```

Background

The CSS property to change the background color of an element to Hex 2F844B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F844B }
```

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

```
.background{ background-color:#2F844B }
```

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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