

Converting Colors

Hex(2F7547)

Have a look what the booklet for
Hex(2F7547) contains.

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Color

Hex(2F7547)

Conversions

Conversions Part 1

Format	Color
Hex	2F7547
RGB	47, 117, 71
RGB Percent	18%, 46%, 28%
CMY	0.8157, 0.5412, 0.7216
CMYK	0.60, 0.00, 0.39, 0.54
HSL	141°, 43%, 32%
HSV	141°, 60%, 46%
XYZ	8.6709, 13.7818, 8.1644
YIQ	90.8260, -26.9540, -29.1460

Conversions

Conversions Part 2

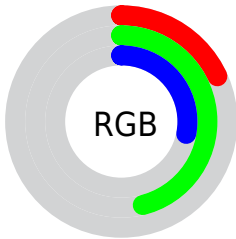
Format	Color
RYB	47, 99, 117
Decimal	3110215
CIELab	43.92, -33.18, 18.97
CIELCh	44, 38.224, 150.245
Yxy	13.7818, 0.2832, 0.4501
Android (android.graphics.Color)	4281300295 (0xFF2F7547)
YUV	90.8260, -9.7742, -38.4354
Hunter-Lab	37.1239, -23.2752, 12.9475

Details

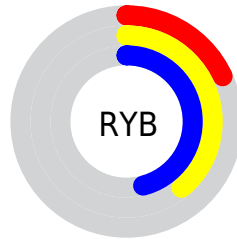
The Hex color **2F7547** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **752F5D**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **64AA78**, and **00441B** is the 20% darker color. If you saturate the color by 10%, you get **23753F**, and if you desaturate by 10%, it is **3B754F**.

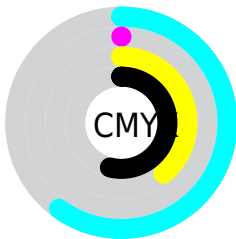
Distribution



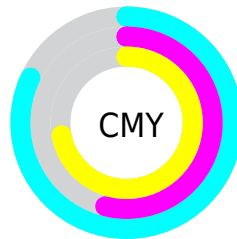
- Red (18%)
- Green (46%)
- Blue (28%)



- Red (18%)
- Yellow (39%)
- Blue (46%)



- Cyan (60%)
- Magenta (0%)
- Yellow (39%)
- Black (54%)



- Cyan (82%)
- Magenta (54%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F7547 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 2F7547 by changing the saturation by 10% instead.



2F7547



2F7547

FFFFFF



115C30



64AA78



00441B



7EC592



002D02



99E1AC



001600



B5FEC8



000000



D1FFE4



EEFFFF



2F7547



2F7547



23753F



3B754F

■ 187538

■ 467556

■ 0C7530

■ 52755E

■ 007528

■ 5E7566

■ 6A756D

■ 757575

■ 81757D

■ 8D7585

■ 98758C

Harmonies

Analogous

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



596F2E



2F7547



007867

Triad

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



2F7547



286BA7



A1504A

Complementary

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



2F7547



752F5D

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.



A14C69



2F7547



6A5F9F

Square

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



2F7547



00739E



8F5388



935B31

Rectangle

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



2F7547



00787D



8F5388



A34D54

Sweetspot

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



2F7547



7D9987



5E752F



3C4D41



CCCCCC



4D4D4D

Same Dimension

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



2F7547



2B9951



2F7569



353B37



007A2A



00FA56

Inverse Universe

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



752F5D



992B73



752F3B



3B3539



7A0050



FA00A4

Previews

White Background



This preview shows how the Hex color 2F7547 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

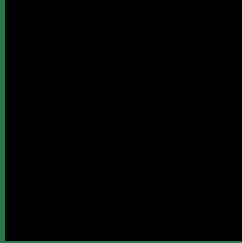
Any Text WCAG AA × Fail

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 2F7547 Background



This preview shows how black text looks on a background with the Hex color 2F7547.



This preview shows how white text looks on a background with the Hex color 2F7547.

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
2F7547

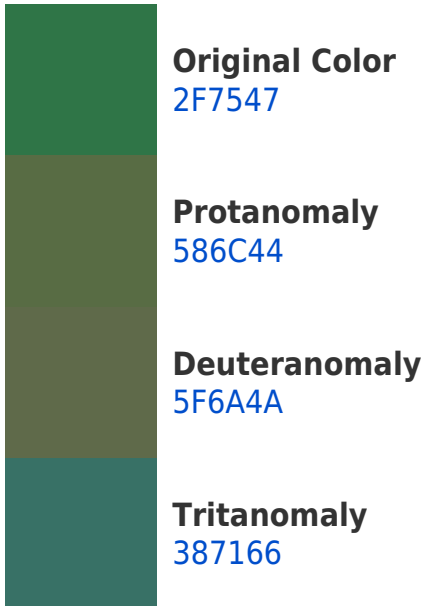
Protanopia
706742

Deuteranopia
7A634B

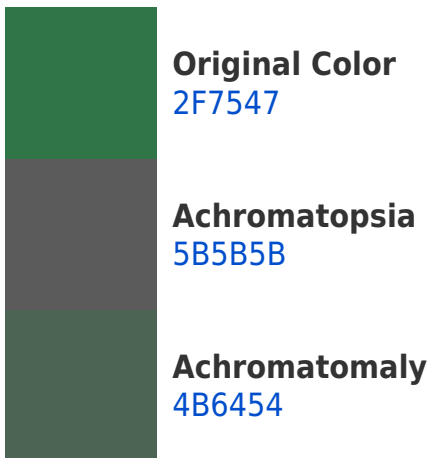


Tritanopia
3D6F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2F7547 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 #2F7547 looks like.

```
.text, #text, p{  
    color:#2F7547  
}
```

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 #2F7547 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F7547
}
```

Border

The CSS property to change the border of an element to Hex 2F7547 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
#2F7547 }
```

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

```
.border{ border-color:#2F7547 }
```

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

Here you see how a box with a 4 pixel #2F7547 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F7547; -webkit-box-shadow:4px 4px  
4px 4px #2F7547; box-shadow:4px 4px 4px  
4px #2F7547 }
```

Background

The CSS property to change the background color of an element to Hex 2F7547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F7547 }
```

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

```
.background{ background-color:#2F7547 }
```

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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