

Converting Colors

Hex(2F7A64)

Have a look what the booklet for
Hex(2F7A64) contains.

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Color

Hex(2F7A64)

Conversions

Conversions Part 1

Format	Color
Hex	2F7A64
RGB	47, 122, 100
RGB Percent	18%, 48%, 39%
CMY	0.8157, 0.5216, 0.6078
CMYK	0.61, 0.00, 0.18, 0.52
HSL	162°, 44%, 33%
HSV	162°, 61%, 48%
XYZ	10.4321, 15.4435, 14.4877
YIQ	97.0670, -37.6380, -22.7420

Conversions

Conversions Part 2

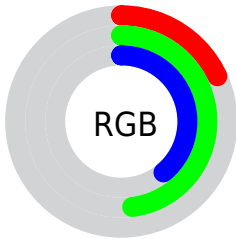
Format	Color
RYB	47, 91, 122
Decimal	3111524
CIELab	46.24, -28.86, 5.20
CIElCh	46, 29.328, 169.789
Yxy	15.4435, 0.2585, 0.3826
Android (android.graphics.Color)	4281301604 (0xFF2F7A64)
YUV	97.0670, 1.4460, -43.9088
Hunter-Lab	39.2982, -21.3874, 5.6509

Details

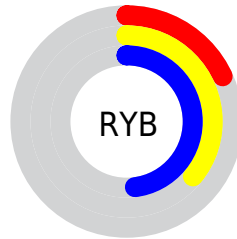
The Hex color **2F7A64** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7A2F45**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **65AF97**, and **004935** is the 20% darker color. If you saturate the color by 10%, you get **237A60**, and if you desaturate by 10%, it is **3B7A68**.

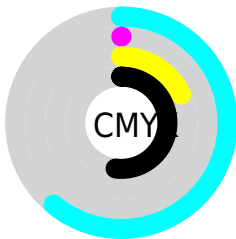
Distribution



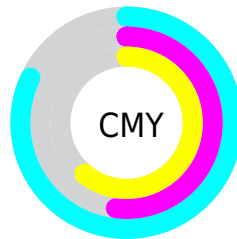
- Red (18%)
- Green (48%)
- Blue (39%)



- Red (18%)
- Yellow (36%)
- Blue (48%)



- Cyan (61%)
- Magenta (0%)
- Yellow (18%)
- Black (52%)



- Cyan (82%)
- Magenta (52%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F7A64 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 2F7A64 by changing the saturation by 10% instead.

 2F7A64

 2F7A64

FFFFFF

 0E614C

 65AF97

 004935

 80CBB1

 003120

 9BE7CD

 001E09

 B7FFE9

 000000

 D4FFFF

 F1FFFF

 2F7A64

 2F7A64

 237A60

 3B7A68

■ 177A5D

■ 477A6B

■ 0A7A59

■ 547A6F

■ 007A56

■ 607A72

■ 6C7A76

■ 787A79

■ 847A7D

■ 917A81

■ 9D7A84

Harmonies

Analogous

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



51774D



2F7A64



007A7D

Triad

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



2F7A64



646A9C



966149

Complementary

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



2F7A64



7A2F45

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.



9D5B5E



2F7A64



84618D

Square

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



2F7A64



38729D



985B77



85693D

Rectangle

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



2F7A64



00798C



985B77



9A5E4F

Sweetspot

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



2F7A64



829E96



467A2F



3E4F4A



CFCFCF



4F4F4F

Same Dimension

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



2F7A64



299E7C



2F6B7A



373D3B



007D58



00FCB2

Inverse Universe

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



7A2F45



9E294B



7A3E2F



3D3739



7D0025



FC004A

Previews

White Background



This preview shows how the Hex color 2F7A64 looks on a white background.

Color Contrast Check

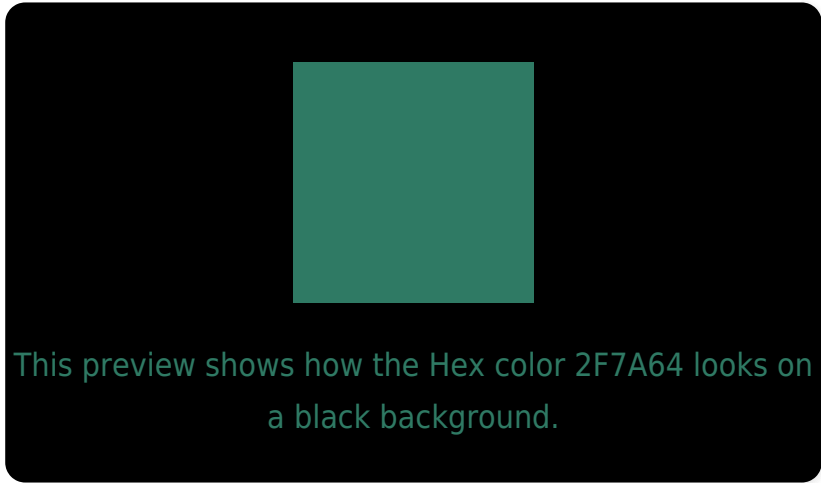
Large Text (above 18pt) WCAG AA ✓ Pass

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

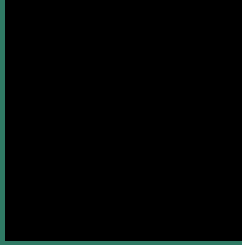
Any Text WCAG AA × Fail

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 2F7A64 Background



This preview shows how black text looks on a background with the Hex color 2F7A64.

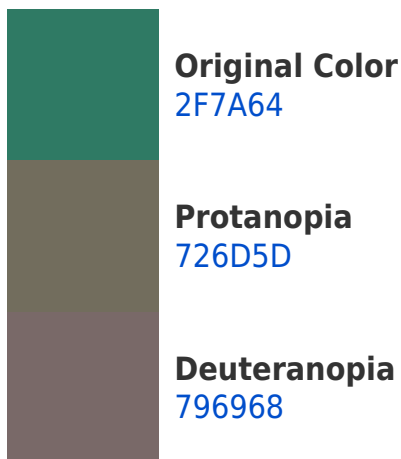


This preview shows how white text looks on a background with the Hex color 2F7A64.

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
397680

Trichromacy



Original Color
2F7A64

Protanomaly
5A7260

Deuteranomaly
5E6F67

Tritanomaly
357776

Monochromacy



Original Color
2F7A64

Achromatopsia
616161

Achromatomaly
4F6A62

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F7A64 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 #2F7A64 looks like.

```
.text, #text, p{  
    color:#2F7A64  
}
```

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 #2F7A64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F7A64
}
```

Border

The CSS property to change the border of an element to Hex 2F7A64 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
#2F7A64 }
```

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

```
.border{ border-color:#2F7A64 }
```

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

Here you see how a box with a 4 pixel #2F7A64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F7A64; -webkit-box-shadow:4px 4px  
4px 4px #2F7A64; box-shadow:4px 4px 4px  
4px #2F7A64 }
```

Background

The CSS property to change the background color of an element to Hex 2F7A64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F7A64 }
```

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

```
.background{ background-color:#2F7A64 }
```

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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