

Converting Colors

Hex(2F7562)

Have a look what the booklet for
Hex(2F7562) contains.

Hex(2F7562)	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(2F7562)

Conversions

Conversions Part 1

Format	Color
Hex	2F7562
RGB	47, 117, 98
RGB Percent	18%, 46%, 38%
CMY	0.8157, 0.5412, 0.6157
CMYK	0.60, 0.00, 0.16, 0.54
HSL	164°, 43%, 32%
HSV	164°, 60%, 46%
XYZ	9.7382, 14.2088, 13.7846
YIQ	93.9040, -35.6210, -20.7490

Conversions

Conversions Part 2

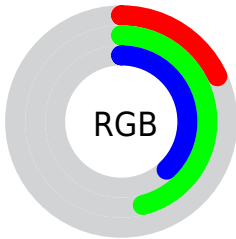
Format	Color
RYB	47, 87, 117
Decimal	3110242
CIELab	44.53, -26.94, 3.94
CIElCh	45, 27.231, 171.684
Yxy	14.2088, 0.2581, 0.3766
Android (android.graphics.Color)	4281300322 (0xFF2F7562)
YUV	93.9040, 2.0193, -41.1348
Hunter-Lab	37.6945, -19.8508, 4.7043

Details

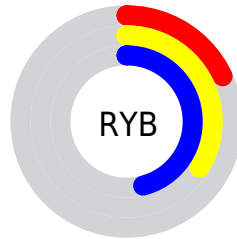
The Hex color **2F7562** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **752F42**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **64AA95**, and **004434** is the 20% darker color. If you saturate the color by 10%, you get **23755F**, and if you desaturate by 10%, it is **3B7565**.

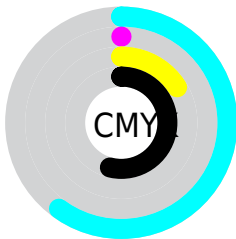
Distribution



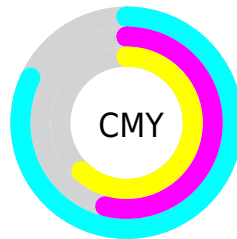
- Red (18%)
- Green (46%)
- Blue (38%)



- Red (18%)
- Yellow (34%)
- Blue (46%)



- Cyan (60%)
- Magenta (0%)
- Yellow (16%)
- Black (54%)



- Cyan (82%)
- Magenta (54%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F7562 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 2F7562 by changing the saturation by 10% instead.

 2F7562

 2F7562

FFFFFF

 105C4A

 64AA95

 004434

 7FC5AF

 002D1F

 9AE1CB

 001906

 B6FEE7

 000000

 D2FFFF

 EFFFFFF

 2F7562

 2F7562

 23755F

 3B7565

■ 18755C

■ 467568

■ 0C7558

■ 52756C

■ 007555

■ 5E756F

■ 6A7572

■ 757575

■ 817578

■ 8D757B

■ 98757F

Harmonies

Analogous

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



4D724C



2F7562



077579

Triad

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



2F7562



636693



8E5E47

Complementary

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



2F7562



752F42

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.



95585A



2F7562



805E86

Square

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



2F7562



3D6D96



915871



7E663C

Rectangle

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



2F7562



007487



915871



925C4C

Sweetspot

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



2F7562



7D9992



43752F



3C4D48



CCCCCC



4D4D4D

Same Dimension

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



2F7562



2B997B



2F6675



353B39



007A59



00FAB6

Inverse Universe

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



752F42



992B49



753E2F



3B3536



7A0021



FA0044

Previews

White Background



This preview shows how the Hex color 2F7562 looks on a white background.

Color Contrast Check

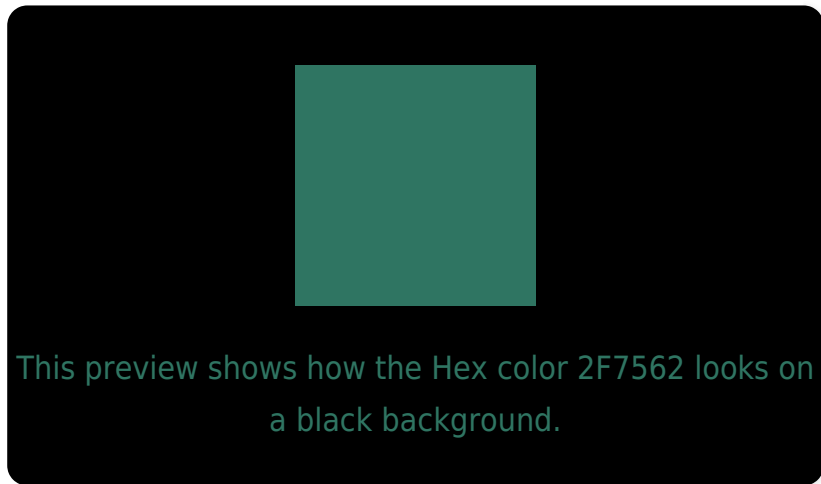
Large Text (above 18pt) WCAG AA ✓ Pass

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

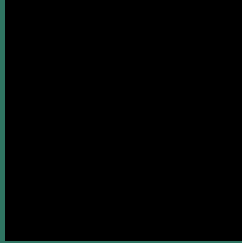
Any Text WCAG AA × Fail

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 2F7562 Background



This preview shows how black text looks on a background with the Hex color 2F7562.

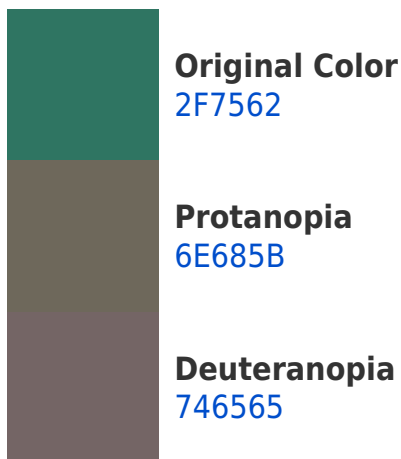


This preview shows how white text looks on a background with the Hex color 2F7562.

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
38727B

Trichromacy



Original Color
2F7562

Protanomaly
576D5E

Deuteranomaly
5B6B64

Tritanomaly
357372

Monochromacy



Original Color
2F7562

Achromatopsia
5E5E5E

Achromatomaly
4D665F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F7562 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 #2F7562 looks like.

```
.text, #text, p{  
    color:#2F7562  
}
```

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 #2F7562 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F7562
}
```

Border

The CSS property to change the border of an element to Hex 2F7562 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".

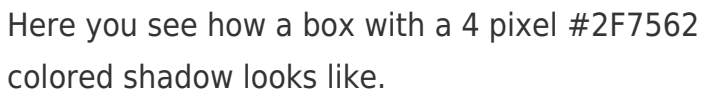
```
.border, #border, table{ border:4px solid
#2F7562 }
```

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

```
.border{ border-color:#2F7562 }
```

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

Here you see how a box with a 4 pixel #2F7562 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F7562; -webkit-box-shadow:4px 4px  
4px 4px #2F7562; box-shadow:4px 4px 4px  
4px #2F7562 }
```

Background

The CSS property to change the background color of an element to Hex 2F7562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F7562 }
```

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

```
.background{ background-color:#2F7562 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor