

Converting Colors

Hex(2D7F66)

Have a look what the booklet for
Hex(2D7F66) contains.

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Color

Hex(2D7F66)

Conversions

Conversions Part 1

Format	Color
Hex	2D7F66
RGB	45, 127, 102
RGB Percent	18%, 50%, 40%
CMY	0.8235, 0.5020, 0.6000
CMYK	0.65, 0.00, 0.20, 0.50
HSL	162°, 48%, 34%
HSV	162°, 65%, 50%
XYZ	11.0698, 16.6959, 15.2096
YIQ	99.6320, -40.8470, -25.1590

Conversions

Conversions Part 2

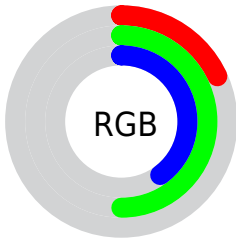
Format	Color
RYB	45, 93, 127
Decimal	2981734
CIELab	47.87, -31.14, 6.36
CIElCh	48, 31.787, 168.465
Yxy	16.6959, 0.2576, 0.3885
Android (android.graphics.Color)	4281171814 (0xFF2D7F66)
YUV	99.6320, 1.1674, -47.9123
Hunter-Lab	40.8607, -23.1476, 6.5329

Details

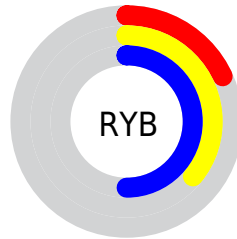
The Hex color **2D7F66** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7F2D46**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **64B499**, and **004D37** is the 20% darker color. If you saturate the color by 10%, you get **207F62**, and if you desaturate by 10%, it is **3A7F6A**.

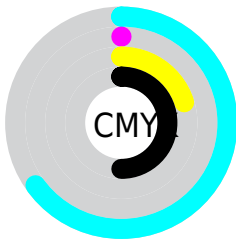
Distribution



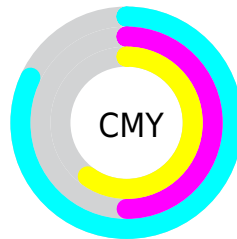
- Red (18%)
- Green (50%)
- Blue (40%)



- Red (18%)
- Yellow (36%)
- Blue (50%)



- Cyan (65%)
- Magenta (0%)
- Yellow (20%)
- Black (50%)



- Cyan (82%)
- Magenta (50%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D7F66 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 2D7F66 by changing the saturation by 10% instead.

 2D7F66

 2D7F66

FFFFFF

 08664E

 64B499

 004D37

 7FD0B4

 003622

 9BEDCF

 00220C

 B7FFEB

 000000

 D4FFFF

 F1FFFF

 2D7F66

 2D7F66

 207F62

 3A7F6A

■ 147F5E

■ 467F6E

■ 077F5A

■ 537F72

■ 007F58

■ 607F75

■ 6D7F79

■ 797F7D

■ 867F81

■ 937F85

■ 9F7F89

Harmonies

Analogous

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



537C4D



2D7F66



008082

Triad

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



2D7F66



646FA4



9E634B

Complementary

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



2D7F66



7F2D46

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.



A55D62



2D7F66



896495

Square

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



2D7F66



3277A6



9F5D7D



8C6C3D

Rectangle

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



2D7F66



007E92



9F5D7D



A26052

Sweetspot

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



2D7F66



86A69C



477F2D



41544E



D4D4D4



545454

Same Dimension

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



2D7F66



26A67F



2D707F



39403E



008059



000000

Inverse Universe

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



7F2D46



A6264D



7F3C2D



40393B



800027



000000

Previews

White Background



This preview shows how the Hex color 2D7F66 looks on a white background.

Color Contrast Check

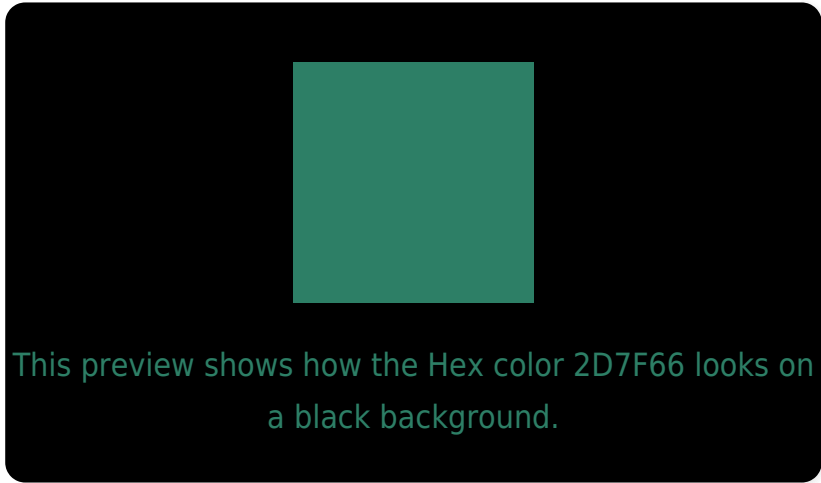
Large Text (above 18pt) WCAG AA ✓ Pass

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

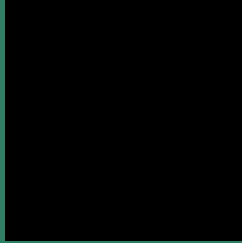
Any Text WCAG AA × Fail

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 2D7F66 Background



This preview shows how black text looks on a background with the Hex color 2D7F66.



This preview shows how white text looks on a background with the Hex color 2D7F66.

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
2D7F66

Protanopia
77715F

Deuteranopia
7E6D6A



Tritanopia
397B85

Trichromacy



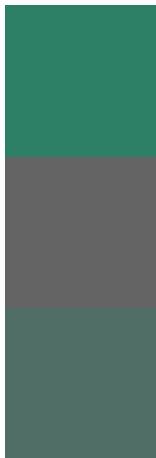
Original Color
2D7F66

Protanomaly
5C7662

Deuteranomaly
617469

Tritanomaly
357C7A

Monochromacy



Original Color
2D7F66

Achromatopsia
646464

Achromatomaly
506E65

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D7F66 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 #2D7F66 looks like.

```
.text, #text, p{  
    color:#2D7F66  
}
```

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 #2D7F66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D7F66  
}
```

Border

The CSS property to change the border of an element to Hex 2D7F66 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  
#2D7F66 }
```

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

```
.border{ border-color:#2D7F66 }
```

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

Here you see how a box with a 4 pixel #2D7F66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D7F66; -webkit-box-shadow:4px 4px  
4px 4px #2D7F66; box-shadow:4px 4px 4px  
4px #2D7F66 }
```

Background

The CSS property to change the background color of an element to Hex 2D7F66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D7F66 }
```

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

```
.background{ background-color:#2D7F66 }
```

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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