

Converting Colors

Hex(2D7E64)

Have a look what the booklet for
Hex(2D7E64) contains.

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Color

Hex(2D7E64)

Conversions

Conversions Part 1

Format	Color
Hex	2D7E64
RGB	45, 126, 100
RGB Percent	18%, 49%, 39%
CMY	0.8235, 0.5059, 0.6078
CMYK	0.64, 0.00, 0.21, 0.51
HSL	161°, 47%, 34%
HSV	161°, 64%, 49%
XYZ	10.8433, 16.3997, 14.6505
YIQ	98.8170, -39.9300, -25.2580

Conversions

Conversions Part 2

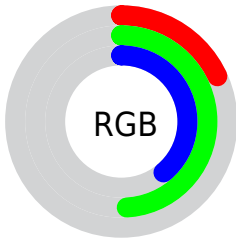
Format	Color
RYB	45, 93, 126
Decimal	2981476
CIELab	47.49, -31.18, 6.99
CIELCh	47, 31.957, 167.369
Yxy	16.3997, 0.2588, 0.3915
Android (android.graphics.Color)	4281171556 (0xFF2D7E64)
YUV	98.8170, 0.5832, -47.1975
Hunter-Lab	40.4965, -23.0741, 6.8981

Details

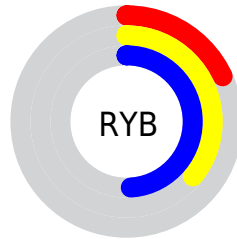
The Hex color **2D7E64** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **7E2D47**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **64B397**, and **004C35** is the 20% darker color. If you saturate the color by 10%, you get **207E60**, and if you desaturate by 10%, it is **3A7E68**.

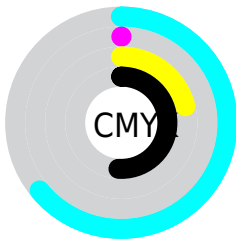
Distribution



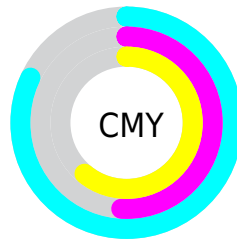
- Red (18%)
- Green (49%)
- Blue (39%)



- Red (18%)
- Yellow (36%)
- Blue (49%)



- Cyan (64%)
- Magenta (0%)
- Yellow (21%)
- Black (51%)



- Cyan (82%)
- Magenta (51%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D7E64 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 2D7E64 by changing the saturation by 10% instead.

 2D7E64

 2D7E64

FFFFFF

 08654C

 64B397

 004C35

 7FCFB2

 003520

 9BEBCD

 002109

 B7FFE9

 000000

 D3FFFF

 F0FFFF

 2D7E64

 2D7E64

 207E60

 3A7E68

■ 147E5C

■ 467E6C

■ 077E58

■ 537E70

■ 007E56

■ 5F7E74

■ 6C7E78

■ 797E7C

■ 857E80

■ 927E84

■ 9E7E88

Harmonies

Analogous

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



547A4B



2D7E64



007F80

Triad

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



2D7E64



626EA4



9D624A

Complementary

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



2D7E64



7E2D47

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.



A45C62



2D7E64



876495

Square

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



2D7E64



2D77A5



9D5C7D



8B6B3C

Rectangle

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



2D7E64



007E90



9D5C7D



A15F51

Sweetspot

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



2D7E64



84A399



487E2D



3F524C



D1D1D1



525252

Same Dimension

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



2D7E64



26A37B



2D707E



39403E



008057



000000

Inverse Universe

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



7E2D47



A3264E



7E3B2D



40393B



800029



000000

Previews

White Background



This preview shows how the Hex color 2D7E64 looks on a white background.

Color Contrast Check

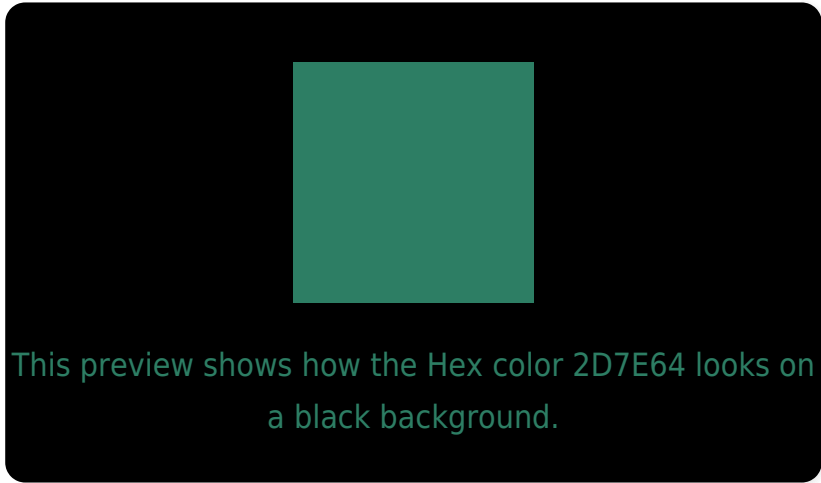
Large Text (above 18pt) WCAG AA ✓ Pass

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

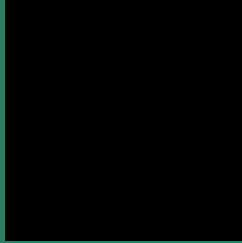
Any Text WCAG AA × Fail

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 2D7E64 Background



This preview shows how black text looks on a background with the Hex color 2D7E64.



This preview shows how white text looks on a background with the Hex color 2D7E64.

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
2D7E64

Protanopia
76705D

Deuteranopia
7E6C68



Tritanopia
397A84

Trichromacy



Original Color
2D7E64

Protanomaly
5B7560

Deuteranomaly
617367

Tritanomaly
357B78

Monochromacy



Original Color
2D7E64

Achromatopsia
636363

Achromatomaly
4F6D63

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D7E64 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 #2D7E64 looks like.

```
.text, #text, p{  
    color:#2D7E64  
}
```

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 #2D7E64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D7E64
}
```

Border

The CSS property to change the border of an element to Hex 2D7E64 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
#2D7E64 }
```

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

```
.border{ border-color:#2D7E64 }
```

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

Here you see how a box with a 4 pixel #2D7E64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D7E64; -webkit-box-shadow:4px 4px  
4px 4px #2D7E64; box-shadow:4px 4px 4px  
4px #2D7E64 }
```

Background

The CSS property to change the background color of an element to Hex 2D7E64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D7E64 }
```

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

```
.background{ background-color:#2D7E64 }
```

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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