

Converting Colors

Hex(2D7561)

Have a look what the booklet for
Hex(2D7561) contains.

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Color

Hex(2D7561)

Conversions

Conversions Part 1

Format	Color
Hex	2D7561
RGB	45, 117, 97
RGB Percent	18%, 46%, 38%
CMY	0.8235, 0.5412, 0.6196
CMYK	0.62, 0.00, 0.17, 0.54
HSL	163°, 44%, 32%
HSV	163°, 62%, 46%
XYZ	9.6011, 14.1435, 13.5332
YIQ	93.1920, -36.4920, -21.4840

Conversions

Conversions Part 2

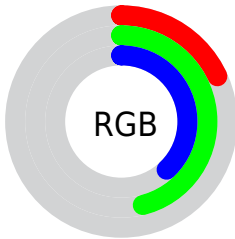
Format	Color
RYB	45, 87, 117
Decimal	2979169
CIELab	44.44, -27.65, 4.39
CIELCh	44, 27.994, 170.972
Yxy	14.1435, 0.2576, 0.3794
Android (android.graphics.Color)	4281169249 (0xFF2D7561)
YUV	93.1920, 1.8773, -42.2644
Hunter-Lab	37.6079, -20.2435, 4.9900




Details

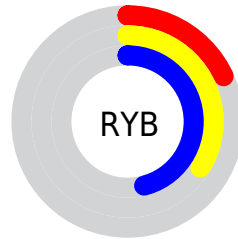
The Hex color **2D7561** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **752D41**, and the grayscale version is **5D5D5D**.




A 20% lighter version of the original color is **63AA94**, and **004433** is the 20% darker color. If you saturate the color by 10%, you get **21755E**, and if you desaturate by 10%, it is **397564**.

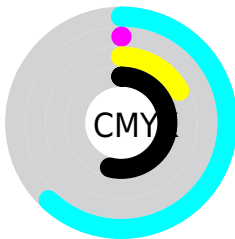
Distribution







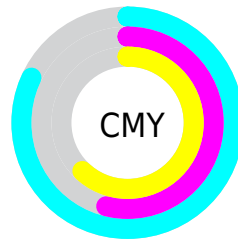
-  Red (18%)
-  Green (46%)
-  Blue (38%)






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



-  Cyan (62%)
-  Magenta (0%)
-  Yellow (17%)
-  Black (54%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2D7561 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 2D7561 by changing the saturation by 10% instead.

 2D7561

 2D7561

FFFFFF

 0C5C49

 63AA94

 004433

 7DC5AE

 002D1E

 98E1CA

 001805

 B4FEE6

 000000

 D1FFFF

 EEEFFF

 2D7561

 2D7561

 21755E

 397564

■ 16755B

■ 447568

■ 0A7557

■ 50756B

■ 007555

■ 5C756E

■ 677571

■ 737575

■ 7F7578

■ 8B757B

■ 96757E

Harmonies

Analogous

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



4D724B



2D7561



007579

Triad

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



2D7561



616694



8F5D46

Complementary

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



2D7561



752D41

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.



96585A



2D7561



7F5D87

Square

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



2D7561



396E97



915771



7E653B

Rectangle

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



2D7561



007487



915771



935B4C

Sweetspot

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



2D7561



7D9991



41752D



3C4D48



CCCCCC



4D4D4D

Same Dimension

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



2D7561



28997A



2D6575



353B39



007A58



00FAB4

Inverse Universe

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



752D41



992847



753D2D



3B3536



7A0022



FA0045

Previews

White Background



This preview shows how the Hex color 2D7561 looks on a white background.

Color Contrast Check

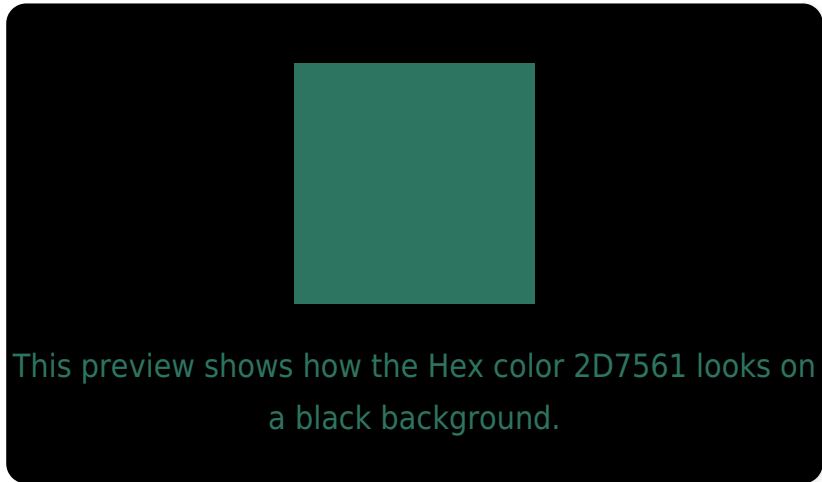
Large Text (above 18pt) WCAG AA ✓ Pass

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

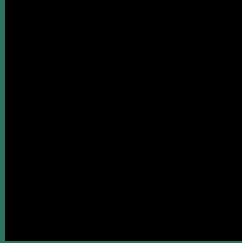
Any Text WCAG AA × Fail

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 2D7561 Background



This preview shows how black text looks on a background with the Hex color 2D7561.



This preview shows how white text looks on a background with the Hex color 2D7561.

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
2D7561

Protanopia
6E685A

Deuteranopia
746564



Tritanopia
37717B

Trichromacy



Original Color
2D7561

Protanomaly
566D5D

Deuteranomaly
5A6B63

Tritanomaly
337272

Monochromacy



Original Color
2D7561

Achromatopsia
5D5D5D

Achromatomaly
4C665E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D7561 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 #2D7561 looks like.

```
.text, #text, p{  
    color:#2D7561  
}
```

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 #2D7561 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D7561
}
```

Border

The CSS property to change the border of an element to Hex 2D7561 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
#2D7561 }
```

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

```
.border{ border-color:#2D7561 }
```

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

Here you see how a box with a 4 pixel #2D7561 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D7561; -webkit-box-shadow:4px 4px  
4px 4px #2D7561; box-shadow:4px 4px 4px  
4px #2D7561 }
```

Background

The CSS property to change the background color of an element to Hex 2D7561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D7561 }
```

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

```
.background{ background-color:#2D7561 }
```

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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