

Converting Colors

Hex(2D7571)

Have a look what the booklet for
Hex(2D7571) contains.

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Color

Hex(2D7571)

Conversions

Conversions Part 1

Format	Color
Hex	2D7571
RGB	45, 117, 113
RGB Percent	18%, 46%, 44%
CMY	0.8235, 0.5412, 0.5569
CMYK	0.62, 0.00, 0.03, 0.54
HSL	177°, 44%, 32%
HSV	177°, 62%, 46%
XYZ	10.4241, 14.4727, 17.8669
YIQ	95.0160, -41.6280, -16.5080

Conversions

Conversions Part 2

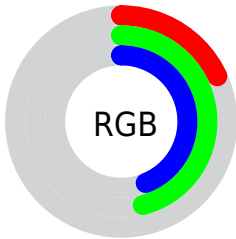
Format	Color
RYB	45, 82, 117
Decimal	2979185
CIELab	44.90, -23.18, -4.49
CIElCh	45, 23.612, 190.959
Yxy	14.4727, 0.2438, 0.3384
Android (android.graphics.Color)	4281169265 (0xFF2D7571)
YUV	95.0160, 8.8661, -43.8640
Hunter-Lab	38.0430, -17.6648, -1.2154

Details

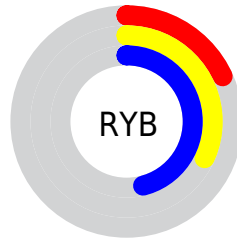
The Hex color **2D7571** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **752D31**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **63A9A5**, and **004441** is the 20% darker color. If you saturate the color by 10%, you get **217570**, and if you desaturate by 10%, it is **397572**.

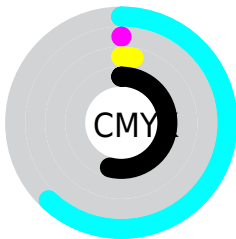
Distribution



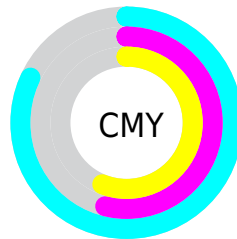
- Red (18%)
- Green (46%)
- Blue (44%)



- Red (18%)
- Yellow (32%)
- Blue (46%)



- Cyan (62%)
- Magenta (0%)
- Yellow (3%)
- Black (54%)



- Cyan (82%)
- Magenta (54%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D7571 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 2D7571 by changing the saturation by 10% instead.

 2D7571

 2D7571

FFFFFF

 0A5C59

 63A9A5

 004441

 7EC5C0

 002D2B

 9AE1DC

 001A17

 B6FEF8

 000000

 D2FFFF

 EFFFFFF

 2D7571

 2D7571

 217570

 397572

■ 167570

■ 447572

■ 0A756F

■ 507573

■ 00756E

■ 5C7574

■ 677574

■ 737575

■ 7F7576

■ 8B7576

■ 967577

Harmonies

Analogous

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



43745D



2D7571



267483

Triad

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



2D7571



766388



836545

Complementary

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



2D7571



752D31

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.



8E5F51



2D7571



895D78

Square

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



2D7571



5B6A91



915B64



716B43

Rectangle

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



2D7571



33718C



915B64



876248

Sweetspot

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



2D7571



7D9997



32752D



3C4D4C



CCCCCC



4D4D4D

Same Dimension

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



2D7571



289993



2D5675



353B3A



007A74



00FAEC

Inverse Universe

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



752D31



99282E



754C2D



3B3535



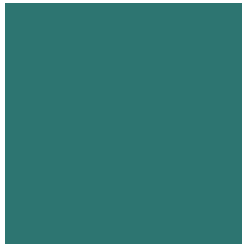
7A0007



FA000E

Previews

White Background



This preview shows how the Hex color 2D7571 looks on a white background.

Color Contrast Check

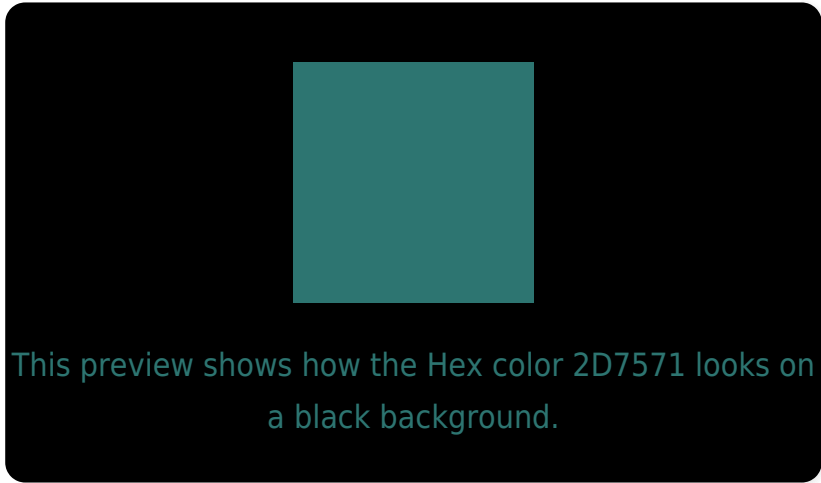
Large Text (above 18pt) WCAG AA ✓ Pass

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

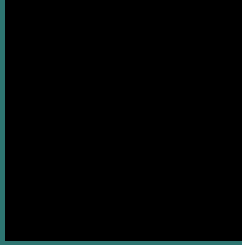
Any Text WCAG AA × Fail

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 2D7571 Background



This preview shows how black text looks on a background with the Hex color 2D7571.



This preview shows how white text looks on a background with the Hex color 2D7571.

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
2D7571

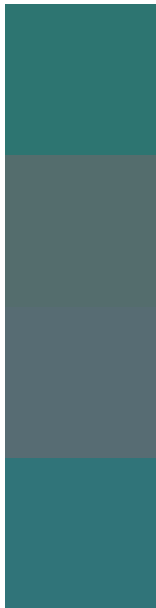
Protanopia
6B696A

Deuteranopia
6F6774



Tritanopia
32737D

Trichromacy



Original Color
2D7571

Protanomaly
546D6D

Deuteranomaly
576C73

Tritanomaly
307479

Monochromacy



Original Color
2D7571

Achromatopsia
5F5F5F

Achromatomaly
4D6766

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D7571 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 #2D7571 looks like.

```
.text, #text, p{  
    color:#2D7571  
}
```

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 #2D7571 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D7571
}
```

Border

The CSS property to change the border of an element to Hex 2D7571 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
#2D7571 }
```

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

```
.border{ border-color:#2D7571 }
```

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

Here you see how a box with a 4 pixel #2D7571 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D7571; -webkit-box-shadow:4px 4px  
4px 4px #2D7571; box-shadow:4px 4px 4px  
4px #2D7571 }
```

Background

The CSS property to change the background color of an element to Hex 2D7571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D7571 }
```

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

```
.background{ background-color:#2D7571 }
```

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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