

Converting Colors

Hex(2D7E41)

Have a look what the booklet for
Hex(2D7E41) contains.

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Color

Hex(2D7E41)

Conversions

Conversions Part 1

Format	Color
Hex	2D7E41
RGB	45, 126, 65
RGB Percent	18%, 49%, 25%
CMY	0.8235, 0.5059, 0.7451
CMYK	0.64, 0.00, 0.48, 0.51
HSL	135°, 47%, 34%
HSV	135°, 64%, 49%
XYZ	9.4972, 15.8613, 7.5620
YIQ	94.8270, -28.6950, -36.1430

Conversions

Conversions Part 2

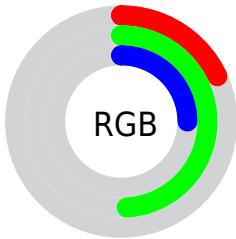
Format	Color
RYB	45, 110, 126
Decimal	2981441
CIELab	46.79, -38.64, 26.05
CIELCh	47, 46.600, 146.009
Yxy	15.8613, 0.2885, 0.4818
Android (android.graphics.Color)	4281171521 (0xFF2D7E41)
YUV	94.8270, -14.7047, -43.6983
Hunter-Lab	39.8262, -27.1297, 16.6206

Details

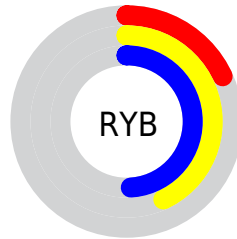
The Hex color **2D7E41** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7E2D6A**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **64B372**, and **004C13** is the 20% darker color. If you saturate the color by 10%, you get **207E38**, and if you desaturate by 10%, it is **3A7E4A**.

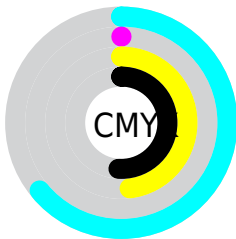
Distribution



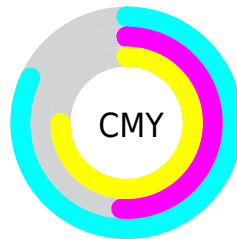
- Red (18%)
- Green (49%)
- Blue (25%)



- Red (18%)
- Yellow (43%)
- Blue (49%)



- Cyan (64%)
- Magenta (0%)
- Yellow (48%)
- Black (51%)



- Cyan (82%)
- Magenta (51%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D7E41 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 2D7E41 by changing the saturation by 10% instead.

 2D7E41

 2D7E41

FFFFFF

 09642A

 64B372

 004C13

 7FCF8C

 003400

 9BECA6

 002000

 B7FFC2

 000000

 D3FFDE

 F0FFFA

 2D7E41

 2D7E41

 207E38

 3A7E4A

■ 147E2E

■ 467E54

■ 077E25

■ 537E5D

■ 007E1F

■ 5F7E67

■ 6C7E70

■ 797E7A

■ 857E83

■ 927E8D

■ 9E7E96

Harmonies

Analogous

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



627722



2D7E41



008168

Triad

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



2D7E41



0075BD



B54E4F

Complementary

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



2D7E41



7E2D6A

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.



B34B76



2D7E41



6767B6

Square

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



2D7E41



007EAF



99569B



A55C2E

Rectangle

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



2D7E41



008283



99569B



B74B5C

Sweetspot

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



2D7E41



84A38C



6B7E2D



3F5243



D1D1D1



525252

Same Dimension

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



2D7E41



26A345



2D7E68



39403B



00801F



000000

Inverse Universe

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



7E2D6A



A32684



7E2D43



40393E



800060



000000

Previews

White Background



This preview shows how the Hex color 2D7E41 looks on a white background.

Color Contrast Check

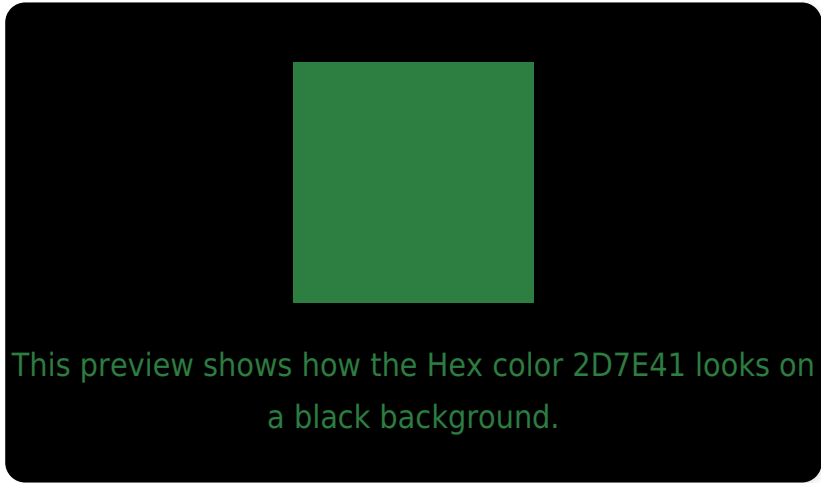
Large Text (above 18pt) WCAG AA ✓ Pass

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 2D7E41 Background



This preview shows how black text looks on a background with the Hex color 2D7E41.



This preview shows how white text looks on a background with the Hex color 2D7E41.

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
407781

Trichromacy



Original Color
2D7E41

Protanomaly
5D743D

Deuteranomaly
657144

Tritanomaly
397A6A

Monochromacy



Original Color
2D7E41

Achromatopsia
5F5F5F

Achromatomaly
4D6A54

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D7E41 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 #2D7E41 looks like.

```
.text, #text, p{  
    color:#2D7E41  
}
```

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 #2D7E41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D7E41
}
```

Border

The CSS property to change the border of an element to Hex 2D7E41 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
#2D7E41 }
```

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

```
.border{ border-color:#2D7E41 }
```

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

Here you see how a box with a 4 pixel #2D7E41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D7E41; -webkit-box-shadow:4px 4px  
4px 4px #2D7E41; box-shadow:4px 4px 4px  
4px #2D7E41 }
```

Background

The CSS property to change the background color of an element to Hex 2D7E41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D7E41 }
```

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

```
.background{ background-color:#2D7E41 }
```

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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