

Converting Colors

Hex(2D703E)

Have a look what the booklet for
Hex(2D703E) contains.

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Color

Hex(2D703E)

Conversions

Conversions Part 1

Format	Color
Hex	2D703E
RGB	45, 112, 62
RGB Percent	18%, 44%, 24%
CMY	0.8235, 0.5608, 0.7569
CMYK	0.60, 0.00, 0.45, 0.56
HSL	135°, 43%, 31%
HSV	135°, 60%, 44%
XYZ	7.7459, 12.4940, 6.5608
YIQ	86.2670, -23.8820, -29.7540

Conversions

Conversions Part 2

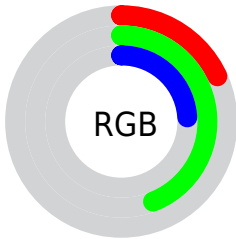
Format	Color
RYB	45, 98, 112
Decimal	2977854
CIELab	41.99, -33.18, 21.58
CIELCh	42, 39.581, 146.968
Yxy	12.4940, 0.2890, 0.4662
Android (android.graphics.Color)	4281167934 (0xFF2D703E)
YUV	86.2670, -11.9636, -36.1912
Hunter-Lab	35.3469, -22.7409, 13.7380




Details

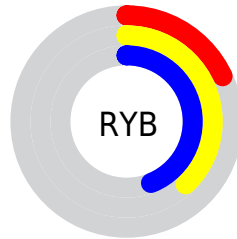
The Hex color **2D703E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **702D5F**, and the grayscale version is **565656**.




A 20% lighter version of the original color is **61A46E**, and **003F12** is the 20% darker color. If you saturate the color by 10%, you get **227036**, and if you desaturate by 10%, it is **387046**.

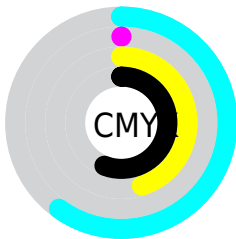
Distribution







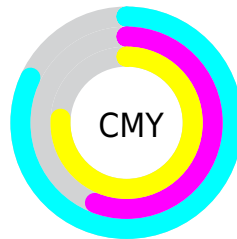
-  Red (18%)
-  Green (44%)
-  Blue (24%)






-  Red (18%)
-  Yellow (38%)
-  Blue (44%)



-  Cyan (60%)
-  Magenta (0%)
-  Yellow (45%)
-  Black (56%)



-  Cyan (82%)
-  Magenta (56%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D703E 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 2D703E by changing the saturation by 10% instead.



2D703E



2D703E

FFFFFF



0F5727



61A46E



003F12



7CC088



002900



97DCA2



000D00



B2F9BD



000000



CFFFD9



EBFFF6



2D703E



2D703E



227036



387046

■ 17702D

■ 43704F

■ 0B7025

■ 4F7057

■ 00701D

■ 5A705F

■ 00701C

■ 657068

■ 707070

■ 7B7079

■ 877081

■ 927089

Harmonies

Analogous

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



586A25



2D703E



00735F

Triad

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



2D703E



0068A4



9E4947

Complementary

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



2D703E



702D5F

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.



9C4668



2D703E



5F5C9D

Square

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



2D703E



006F99



884F87



91542D

Rectangle

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



2D703E



007375



884F87



9F4752

Sweetspot

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



2D703E



77917E



5F702D



3A4A3E



C9C9C9



4A4A4A

Same Dimension

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



2D703E



299143



2D705F



323834



00781E



00F73F

Inverse Universe

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



702D5F



912977



702D3E



383237



780059



F700B9

Previews

White Background



This preview shows how the Hex color 2D703E looks on a white background.

Color Contrast Check

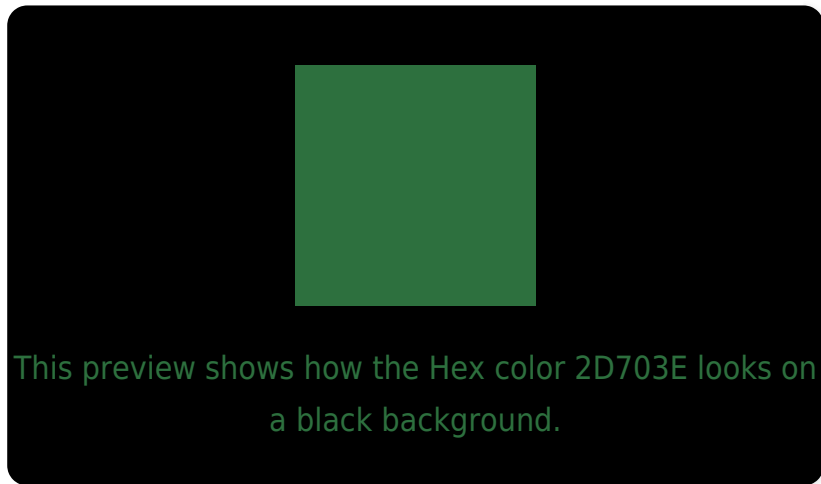
Large Text (above 18pt) WCAG AA ✓ Pass

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 2D703E Background



This preview shows how black text looks on a background with the Hex color 2D703E.



This preview shows how white text looks on a background with the Hex color 2D703E.

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
2D703E

Protanopia
6C6339

Deuteranopia
765E42



Tritanopia
3C6A73

Trichromacy



Original Color
2D703E

Protanomaly
55683B

Deuteranomaly
5B6541

Tritanomaly
376C60

Monochromacy



Original Color
2D703E

Achromatopsia
565656

Achromatomaly
475F4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D703E 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 #2D703E looks like.

```
.text, #text, p{  
    color:#2D703E  
}
```

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 #2D703E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D703E
}
```

Border

The CSS property to change the border of an element to Hex 2D703E 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
#2D703E }
```

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

```
.border{ border-color:#2D703E }
```

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

Here you see how a box with a 4 pixel #2D703E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D703E; -webkit-box-shadow:4px 4px  
4px 4px #2D703E; box-shadow:4px 4px 4px  
4px #2D703E }
```

Background

The CSS property to change the background color of an element to Hex 2D703E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D703E }
```

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

```
.background{ background-color:#2D703E }
```

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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