

Converting Colors

Hex(2D7E3A)

Have a look what the booklet for
Hex(2D7E3A) contains.

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Color

Hex(2D7E3A)

Conversions

Conversions Part 1

Format	Color
Hex	2D7E3A
RGB	45, 126, 58
RGB Percent	18%, 49%, 23%
CMY	0.8235, 0.5059, 0.7725
CMYK	0.64, 0.00, 0.54, 0.51
HSL	130°, 47%, 34%
HSV	130°, 64%, 49%
XYZ	9.3068, 15.7851, 6.5593
YIQ	94.0290, -26.4480, -38.3200

Conversions

Conversions Part 2

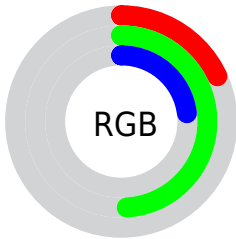
Format	Color
RYB	45, 115, 126
Decimal	2981434
CIELab	46.69, -39.76, 29.69
CIELCh	47, 49.623, 143.257
Yxy	15.7851, 0.2940, 0.4987
Android (android.graphics.Color)	4281171514 (0xFF2D7E3A)
YUV	94.0290, -17.7623, -42.9984
Hunter-Lab	39.7304, -27.7151, 18.0228




Details

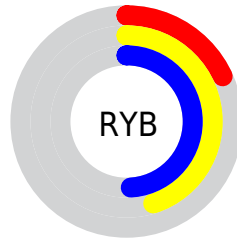
The Hex color **2D7E3A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7E2D71**, and the grayscale version is **5E5E5E**.




A 20% lighter version of the original color is **64B46B**, and **004C0B** is the 20% darker color. If you saturate the color by 10%, you get **207E2F**, and if you desaturate by 10%, it is **3A7E45**.

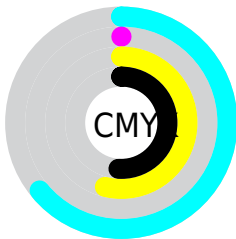
Distribution







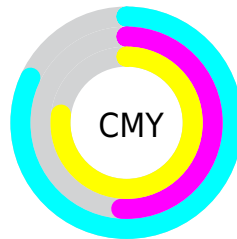
-  Red (18%)
-  Green (49%)
-  Blue (23%)






-  Red (18%)
-  Yellow (45%)
-  Blue (49%)



-  Cyan (64%)
-  Magenta (0%)
-  Yellow (54%)
-  Black (51%)



-  Cyan (82%)
-  Magenta (51%)
-  Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D7E3A 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 2D7E3A by changing the saturation by 10% instead.

 2D7E3A

 2D7E3A

FFFFFF

 086423

 64B46B

 004C0B

 7FCF84

 003400

 9BEC9F

 001F00

 B7FFBA

 000000

 D4FFD6

 F1FFF3

 2D7E3A

 2D7E3A

 207E2F

 3A7E45

 147E25

 467E4F

 077E1A

 537E5A

 007E14

 5F7E64

 6C7E6F

 797E79

 857E84

 927E8F

 9E7E99

Harmonies

Analogous

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



647619



2D7E3A



008264

Triad

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



2D7E3A



0076C1



B94A50

Complementary

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



2D7E3A



7E2D71

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.



B5487A



2D7E3A



5E68BC

Square

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



2D7E3A



007FB1



9855A1



AA592C

Rectangle

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



2D7E3A



008381



9855A1



BA475E

Sweetspot

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



2D7E3A



84A389



727E2D



3F5242



D1D1D1



525252

Same Dimension

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



2D7E3A



26A33A



2D7E62



39403A



008014



000000

Inverse Universe

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



7E2D71



A3268F



7E2D49



40393F



80006B



000000

Previews

White Background



This preview shows how the Hex color 2D7E3A looks on a white background.

Color Contrast Check

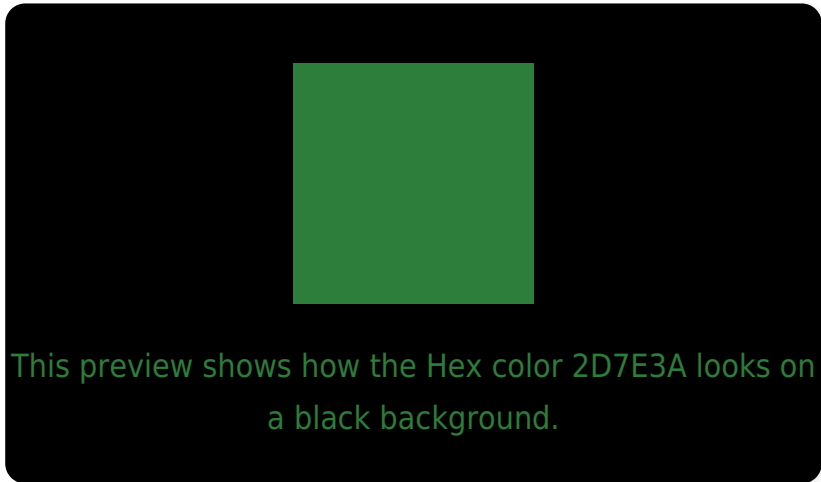
Large Text (above 18pt) WCAG AA ✓ Pass

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 2D7E3A Background



This preview shows how black text looks on a background with the Hex color 2D7E3A.



This preview shows how white text looks on a background with the Hex color 2D7E3A.

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
2D7E3A

Protanopia
7A6E35

Deuteranopia
866940



Tritanopia
417780

Trichromacy



Original Color
2D7E3A



Protanomaly
5E7437



Deuteranomaly
66713E



Tritanomaly
3A7A67

Monochromacy



Original Color
2D7E3A



Achromatopsia
5E5E5E



Achromatomaly
4C6A51

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D7E3A 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 #2D7E3A looks like.

```
.text, #text, p{  
    color:#2D7E3A  
}
```

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 #2D7E3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D7E3A
}
```

Border

The CSS property to change the border of an element to Hex 2D7E3A 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
#2D7E3A }
```

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

```
.border{ border-color:#2D7E3A }
```

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

Here you see how a box with a 4 pixel #2D7E3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D7E3A; -webkit-box-shadow:4px 4px  
4px 4px #2D7E3A; box-shadow:4px 4px 4px  
4px #2D7E3A }
```

Background

The CSS property to change the background color of an element to Hex 2D7E3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D7E3A }
```

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

```
.background{ background-color:#2D7E3A }
```

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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