

Converting Colors

Hex(2E7337)

Have a look what the booklet for
Hex(2E7337) contains.

Hex(2E7337)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2E7337)

Conversions

Conversions Part 1

Format	Color
Hex	2E7337
RGB	46, 115, 55
RGB Percent	18%, 45%, 22%
CMY	0.8196, 0.5490, 0.7843
CMYK	0.60, 0.00, 0.52, 0.55
HSL	128°, 43%, 32%
HSV	128°, 60%, 45%
XYZ	7.9470, 13.1181, 5.7276
YIQ	87.5290, -21.8640, -33.2880

Conversions

Conversions Part 2

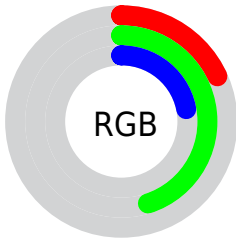
Format	Color
RYB	46, 107, 115
Decimal	3044151
CIELab	42.94, -35.42, 26.68
CIELCh	43, 44.344, 143.005
Yxy	13.1181, 0.2966, 0.4896
Android (android.graphics.Color)	4281234231 (0xFF2E7337)
YUV	87.5290, -16.0368, -36.4209
Hunter-Lab	36.2190, -24.2174, 15.9772




Details

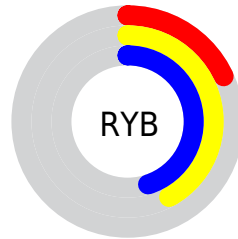
The Hex color **2E7337** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **732E6A**, and the grayscale version is **585858**.




A 20% lighter version of the original color is **63A867**, and **004209** is the 20% darker color. If you saturate the color by 10%, you get **23732D**, and if you desaturate by 10%, it is **397341**.

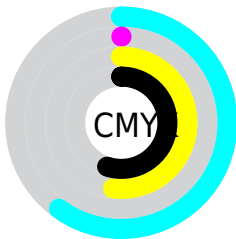
Distribution







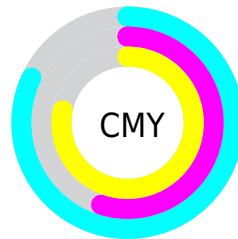
-  Red (18%)
-  Green (45%)
-  Blue (22%)






-  Red (18%)
-  Yellow (42%)
-  Blue (45%)



-  Cyan (60%)
-  Magenta (0%)
-  Yellow (52%)
-  Black (55%)



-  Cyan (82%)
-  Magenta (55%)
-  Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E7337 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 2E7337 by changing the saturation by 10% instead.

 2E7337

 2E7337

FFFFFF

 0F5A20

 63A867

 004209

 7EC381

 002B00

 99DF9B

 001200

 B4FCB6

 000000

 D1FFD2

 EEFFEE

 2E7337

 2E7337

 23732D

 397341

■ 177323

■ 45734B

■ 0B7319

■ 517355

■ 00730F

■ 5C735F

■ 677369

■ 737373

■ 7E737D

■ 8A7387

■ 957391

Harmonies

Analogous

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



5D6C1B



2E7337



00775B

Triad

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



2E7337



006CAE



A8464B

Complementary

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



2E7337



732E6A

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.



A34470



2E7337



575FA9

Square

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



2E7337



00749F



8A5092



9A522B

Rectangle

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



2E7337



007775



8A5092



A84357

Sweetspot

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



2E7337



7B967F



6B732E



3C4D3E



CCCCCC



4D4D4D

Same Dimension

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



2E7337



2A9638



2E7359



353B36



007A10



00FA21

Inverse Universe

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



732E6A



962A88



732E48



3B353A



7A006A



FA00D9

Previews

White Background



This preview shows how the Hex color 2E7337 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

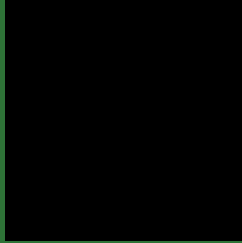
Any Text WCAG AA × Fail

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 2E7337 Background



This preview shows how black text looks on a background with the Hex color 2E7337.



This preview shows how white text looks on a background with the Hex color 2E7337.

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
2E7337

Protanopia
706532

Deuteranopia
7B603C



Tritanopia
3E6C75

Trichromacy



Original Color
2E7337

Protanomaly
586A34

Deuteranomaly
5F673A

Tritanomaly
386F5E

Monochromacy



Original Color
2E7337

Achromatopsia
585858

Achromatomaly
49624C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E7337 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 #2E7337 looks like.

```
.text, #text, p{  
    color:#2E7337  
}
```

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 #2E7337 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E7337
}
```

Border

The CSS property to change the border of an element to Hex 2E7337 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".

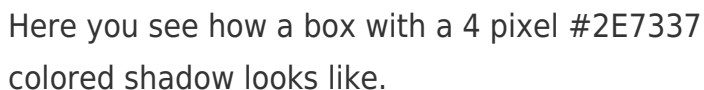
```
.border, #border, table{ border:4px solid
#2E7337 }
```

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

```
.border{ border-color:#2E7337 }
```

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

Here you see how a box with a 4 pixel #2E7337 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E7337; -webkit-box-shadow:4px 4px  
4px 4px #2E7337; box-shadow:4px 4px 4px  
4px #2E7337 }
```

Background

The CSS property to change the background color of an element to Hex 2E7337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E7337 }
```

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

```
.background{ background-color:#2E7337 }
```

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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