

Converting Colors

Hex(2E6C37)

Have a look what the booklet for
Hex(2E6C37) contains.

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Color

Hex(2E6C37)

Conversions

Conversions Part 1

Format	Color
Hex	2E6C37
RGB	46, 108, 55
RGB Percent	18%, 42%, 22%
CMY	0.8196, 0.5765, 0.7843
CMYK	0.57, 0.00, 0.49, 0.58
HSL	129°, 40%, 30%
HSV	129°, 57%, 42%
XYZ	7.1789, 11.5818, 5.4716
YIQ	83.4200, -19.9390, -29.6270

Conversions

Conversions Part 2

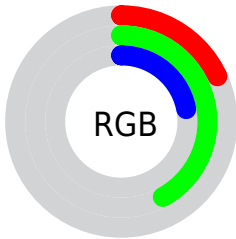
Format	Color
R_{YB}	46, 100, 108
Decimal	3042359
CIE _{Lab}	40.54, -32.37, 23.68
CIE _{LCh}	41, 40.109, 143.807
Yxy	11.5818, 0.2963, 0.4780
Android (android.graphics.Color)	4281232439 (0xFF2E6C37)
YUV	83.4200, -14.0111, -32.8173
Hunter-Lab	34.0320, -21.9025, 14.2900

Details

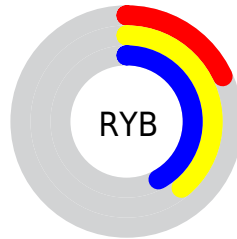
The Hex color **2E6C37** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6C2E63**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **62A067**, and **003C0A** is the 20% darker color. If you saturate the color by 10%, you get **236C2E**, and if you desaturate by 10%, it is **396C40**.

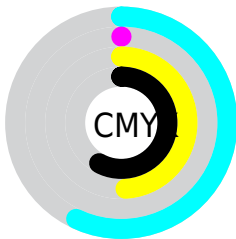
Distribution



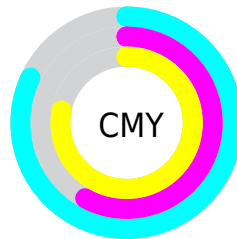
- Red (18%)
- Green (42%)
- Blue (22%)



- Red (18%)
- Yellow (39%)
- Blue (42%)



- Cyan (57%)
- Magenta (0%)
- Yellow (49%)
- Black (58%)



- Cyan (82%)
- Magenta (58%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E6C37 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 2E6C37 by changing the saturation by 10% instead.



2E6C37



2E6C37

FFFFFF



115321



62A067



003C0A



7CBB80



002600



97D79A



000400



B2F4B5



000000



CFFFD1



EBFFED



2E6C37



2E6C37



236C2E



396C40

■ 186C25

■ 446C49

■ 0E6C1B

■ 4E6C53

■ 036C12

■ 596C5C

■ 006C10

■ 646C65

■ 6F6C6E

■ 7A6C78

■ 846C81

■ 8F6C8A

Harmonies

Analogous

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



58661F



2E6C37



006F57

Triad

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



2E6C37



0065A1



9B4447

Complementary

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



2E6C37



6C2E63

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.



984268



2E6C37



555A9C

Square

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



2E6C37



006C94



814C87



8F4F2B

Rectangle

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



2E6C37



00706E



814C87



9C4252

Sweetspot

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



2E6C37



748C78



646C2E



39473B



C7C7C7



474747

Same Dimension

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



2E6C37



2B8C3A



2E6C55



303631



007511



00F524

Inverse Universe

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



6C2E63



8C2B7E



6C2E45



363035



750064



F500D1

Previews

White Background



This preview shows how the Hex color 2E6C37 looks on a white background.

Color Contrast Check

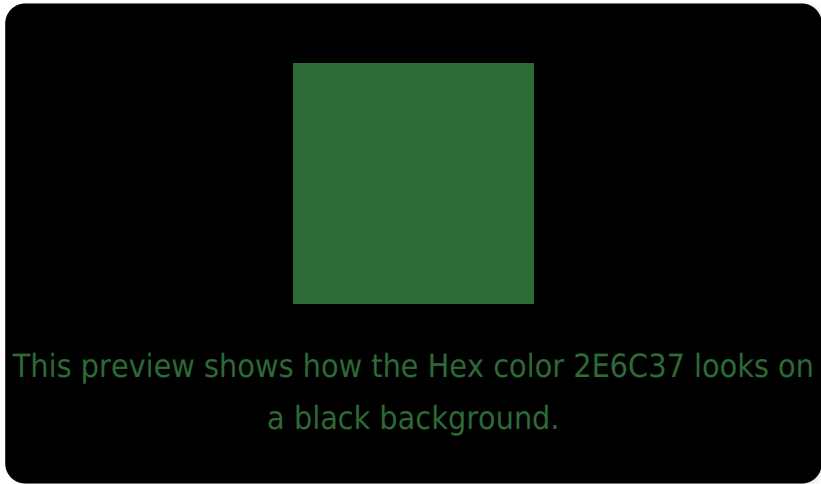
Large Text (above 18pt) WCAG AA ✓ Pass

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

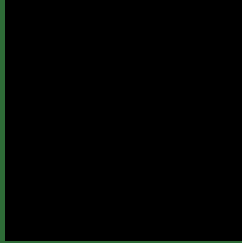
Any Text WCAG AA × Fail

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 2E6C37 Background



This preview shows how black text looks on a background with the Hex color 2E6C37.



This preview shows how white text looks on a background with the Hex color 2E6C37.

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
2E6C37

Protanopia
695F33

Deuteranopia
735B3B



Tritanopia
3C666E

Trichromacy



Original Color
2E6C37

Protanomaly
546434

Deuteranomaly
5A613A

Tritanomaly
37685A

Monochromacy



Original Color
2E6C37

Achromatopsia
535353

Achromatomaly
465C49

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E6C37 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 #2E6C37 looks like.

```
.text, #text, p{  
    color:#2E6C37  
}
```

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 #2E6C37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E6C37
}
```

Border

The CSS property to change the border of an element to Hex 2E6C37 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
#2E6C37 }
```

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

```
.border{ border-color:#2E6C37 }
```

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

Here you see how a box with a 4 pixel #2E6C37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E6C37; -webkit-box-shadow:4px 4px  
4px 4px #2E6C37; box-shadow:4px 4px 4px  
4px #2E6C37 }
```

Background

The CSS property to change the background color of an element to Hex 2E6C37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E6C37 }
```

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

```
.background{ background-color:#2E6C37 }
```

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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