

Converting Colors

Hex(2E5734)

Have a look what the booklet for
Hex(2E5734) contains.

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Color

Hex(2E5734)

Conversions

Conversions Part 1

Format	Color
Hex	2E5734
RGB	46, 87, 52
RGB Percent	18%, 34%, 20%
CMY	0.8196, 0.6588, 0.7961
CMYK	0.47, 0.00, 0.40, 0.66
HSL	129°, 31%, 26%
HSV	129°, 47%, 34%
XYZ	5.1547, 7.6452, 4.4528
YIQ	70.7510, -13.2010, -19.5770

Conversions

Conversions Part 2

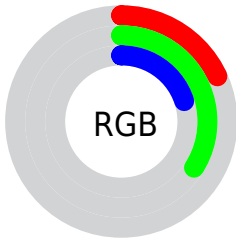
Format	Color
R_{YB}	46, 82, 87
Decimal	3036980
CIE _{Lab}	33.23, -22.95, 15.98
CIE _{LCh}	33, 27.964, 145.153
Yxy	7.6452, 0.2988, 0.4431
Android (android.graphics.Color)	4281227060 (0xFF2E5734)
YUV	70.7510, -9.2442, -21.7066
Hunter-Lab	27.6499, -15.1097, 9.8067

Details

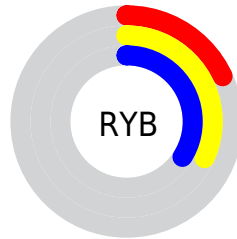
The Hex color **2E5734** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **572E51**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **5F8963**, and **002907** is the 20% darker color. If you saturate the color by 10%, you get **25572D**, and if you desaturate by 10%, it is **37573B**.

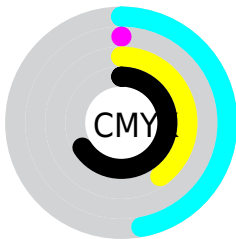
Distribution



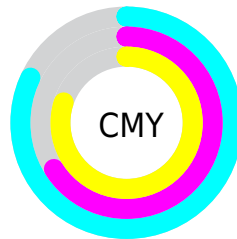
- Red (18%)
- Green (34%)
- Blue (20%)



- Red (18%)
- Yellow (32%)
- Blue (34%)



- Cyan (47%)
- Magenta (0%)
- Yellow (40%)
- Black (66%)



- Cyan (82%)
- Magenta (66%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E5734 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 2E5734 by changing the saturation by 10% instead.

 2E5734

 2E5734

FFFFFF

 163F1E

 5F8963

 002907

 78A47C

 001300

 92BF96

 000000

 ADDBB1

 C9F7CC

 E5FFE8

 2E5734

 2E5734

 25572D

 37573B

■ 1D5725

■ 3F5743

■ 14571E

■ 48574A

■ 0B5716

■ 515752

■ 02570F

■ 5A5759

■ 00570D

■ 625761

■ 6B5768

■ 74576F

■ 7C5777

Harmonies

Analogous

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



495225



2E5734



00594A

Triad

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



2E5734



1E527A



783D3D

Complementary

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



2E5734



572E51

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.



753C53



2E5734



4A4A76

Square

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



2E5734



005772



664168



6F442A

Rectangle

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



2E5734



005959



664168



783C44

Sweetspot

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



2E5734



607063



52572E



2F3830



B8B8B8



383838

Same Dimension

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



2E5734



30703A



2E5748



272B28



006B10



00EB22

Inverse Universe

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



572E51



703067



572E3D



2B272B



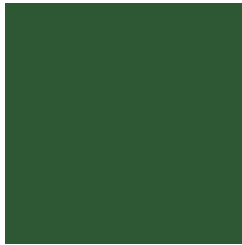
6B005B



EB00C8

Previews

White Background



This preview shows how the Hex color 2E5734 looks on a white background.

Color Contrast Check

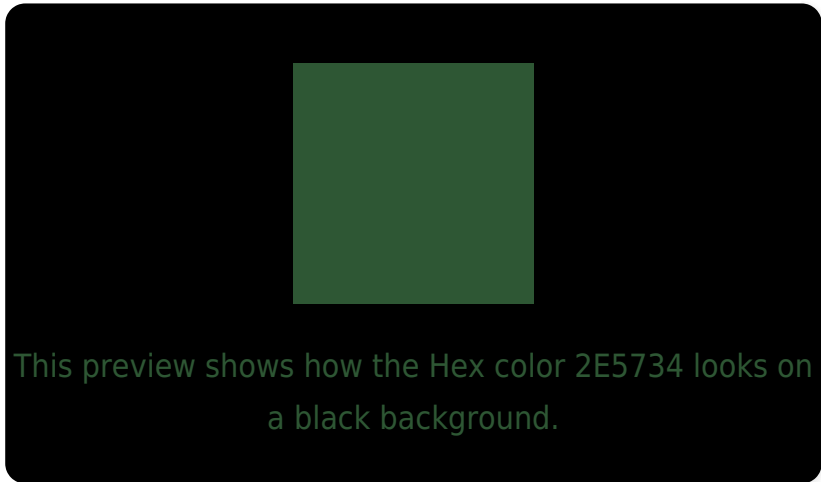
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

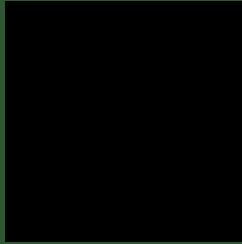
Any Text WCAG AA × Fail

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 2E5734 Background



This preview shows how black text looks on a background with the Hex color 2E5734.



This preview shows how white text looks on a background with the Hex color 2E5734.

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
2E5734

Protanopia
554E30

Deuteranopia
5D4B37



Tritanopia
365359

Trichromacy



Original Color
2E5734

Protanomaly
475131

Deuteranomaly
4C4F36

Tritanomaly
33544C

Monochromacy



Original Color
2E5734

Achromatopsia
474747

Achromatomaly
3E4D40

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E5734 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 #2E5734 looks like.

```
.text, #text, p{  
    color:#2E5734  
}
```

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 #2E5734 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E5734
}
```

Border

The CSS property to change the border of an element to Hex 2E5734 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".

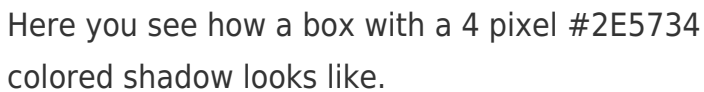
```
.border, #border, table{ border:4px solid
#2E5734 }
```

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

```
.border{ border-color:#2E5734 }
```

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

Here you see how a box with a 4 pixel #2E5734 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E5734; -webkit-box-shadow:4px 4px  
4px 4px #2E5734; box-shadow:4px 4px 4px  
4px #2E5734 }
```

Background

The CSS property to change the background color of an element to Hex 2E5734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E5734 }
```

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

```
.background{ background-color:#2E5734 }
```

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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