

Converting Colors

Hex(2E5B4C)

Have a look what the booklet for
Hex(2E5B4C) contains.

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Color

Hex(2E5B4C)

Conversions

Conversions Part 1

Format	Color
Hex	2E5B4C
RGB	46, 91, 76
RGB Percent	18%, 36%, 30%
CMY	0.8196, 0.6431, 0.7020
CMYK	0.49, 0.00, 0.16, 0.64
HSL	160°, 33%, 27%
HSV	160°, 49%, 36%
XYZ	6.1723, 8.5848, 8.1692
YIQ	75.8350, -22.0050, -14.2050

Conversions

Conversions Part 2

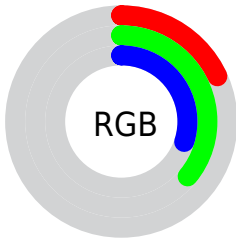
Format	Color
RYB	46, 73, 91
Decimal	3038028
CIELab	35.17, -19.60, 3.87
CIElCh	35, 19.976, 168.816
Yxy	8.5848, 0.2692, 0.3745
Android (android.graphics.Color)	4281228108 (0xFF2E5B4C)
YUV	75.8350, 0.0813, -26.1653
Hunter-Lab	29.2999, -13.6719, 3.9790




Details

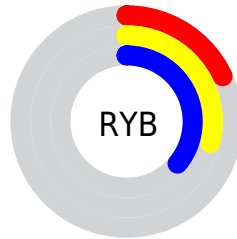
The Hex color **2E5B4C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5B2E3D**, and the grayscale version is **4C4C4C**.




A 20% lighter version of the original color is **5F8D7D**, and **002D20** is the 20% darker color. If you saturate the color by 10%, you get **255B49**, and if you desaturate by 10%, it is **375B4F**.

Distribution







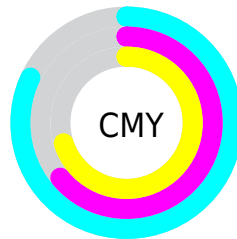
-  Red (18%)
-  Green (36%)
-  Blue (30%)






-  Red (18%)
-  Yellow (29%)
-  Blue (36%)



-  Cyan (49%)
-  Magenta (0%)
-  Yellow (16%)
-  Black (64%)



-  Cyan (82%)
-  Magenta (64%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E5B4C 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 2E5B4C by changing the saturation by 10% instead.

 2E5B4C

 2E5B4C

FFFFFF

 154335

 5F8D7D

 002D20

 79A897

 001A09

 93C3B1

 000000

 AEDFCD

 CAFCE9

 E6FFFF

 2E5B4C

 2E5B4C

 255B49

 375B4F

■ 1C5B46

■ 405B52

■ 135B43

■ 495B55

■ 0A5B40

■ 525B58

■ 005B3D

■ 5C5B5B

■ 655B5E

■ 6E5B61

■ 775B64

■ 805B67

Harmonies

Analogous

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



41593D



2E5B4C



1D5B5C

Triad

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



2E5B4C



4C5171



6E4A3B

Complementary

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



2E5B4C



5B2E3D

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.



724749



2E5B4C



614B68

Square

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



2E5B4C



335672



6E4759



635034

Rectangle

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



2E5B4C



1B5A66



6E4759



704940

Sweetspot

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



2E5B4C



64756F



3D5B2E



303B37



BABABA



3B3B3B

Same Dimension

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



2E5B4C



30755E



2E535B



292E2C



006E49



00ED9E

Inverse Universe

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



5B2E3D



753047



5B352E



2E292B



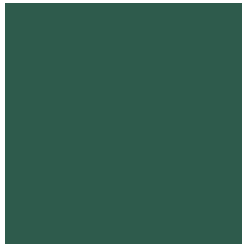
6E0025



ED004F

Previews

White Background



This preview shows how the Hex color 2E5B4C looks on a white background.

Color Contrast Check

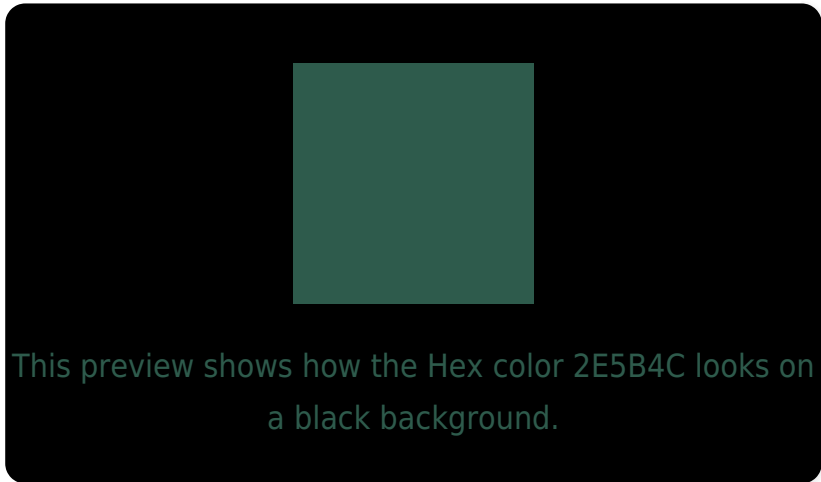
Large Text (above 18pt) WCAG AA ✓ Pass

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

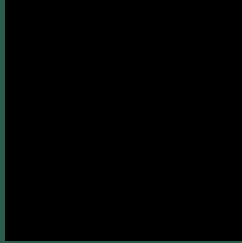
Any Text WCAG AA × Fail

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 2E5B4C Background



This preview shows how black text looks on a background with the Hex color 2E5B4C.



This preview shows how white text looks on a background with the Hex color 2E5B4C.

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
2E5B4C

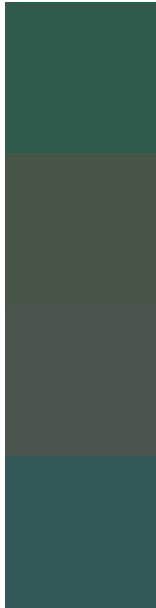
Protanopia
565247

Deuteranopia
5C504E



Tritanopia
34585F

Trichromacy



Original Color
2E5B4C

Protanomaly
475549

Deuteranomaly
4B544D

Tritanomaly
325958

Monochromacy



Original Color
2E5B4C

Achromatopsia
4C4C4C

Achromatomaly
41514C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E5B4C 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 #2E5B4C looks like.

```
.text, #text, p{  
    color:#2E5B4C  
}
```

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 #2E5B4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E5B4C
}
```

Border

The CSS property to change the border of an element to Hex 2E5B4C 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
#2E5B4C }
```

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

```
.border{ border-color:#2E5B4C }
```

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

Here you see how a box with a 4 pixel #2E5B4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E5B4C; -webkit-box-shadow:4px 4px  
4px 4px #2E5B4C; box-shadow:4px 4px 4px  
4px #2E5B4C }
```

Background

The CSS property to change the background color of an element to Hex 2E5B4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E5B4C }
```

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

```
.background{ background-color:#2E5B4C }
```

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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