

Converting Colors

Hex(2E5D57)

Have a look what the booklet for
Hex(2E5D57) contains.

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Color

Hex(2E5D57)

Conversions

Conversions Part 1

Format	Color
Hex	2E5D57
RGB	46, 93, 87
RGB Percent	18%, 36%, 34%
CMY	0.8196, 0.6353, 0.6588
CMYK	0.51, 0.00, 0.06, 0.64
HSL	172°, 34%, 27%
HSV	172°, 51%, 36%
XYZ	6.7614, 9.0977, 10.4165
YIQ	78.2630, -26.0860, -11.8300

Conversions

Conversions Part 2

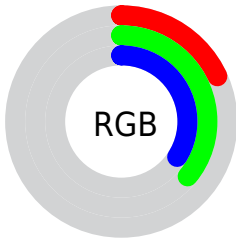
Format	Color
RYB	46, 71, 93
Decimal	3038551
CIELab	36.17, -17.70, -1.52
CIElCh	36, 17.769, 184.907
Yxy	9.0977, 0.2573, 0.3462
Android (android.graphics.Color)	4281228631 (0xFF2E5D57)
YUV	78.2630, 4.3073, -28.2947
Hunter-Lab	30.1623, -12.7705, 0.6380

Details

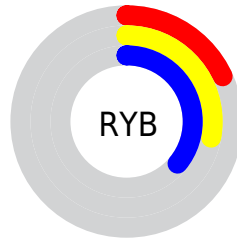
The Hex color **2E5D57** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5D2E34**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **609089**, and **002F2A** is the 20% darker color. If you saturate the color by 10%, you get **255D56**, and if you desaturate by 10%, it is **375D58**.

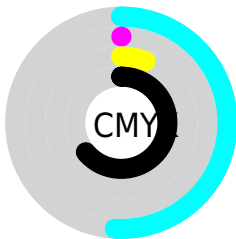
Distribution



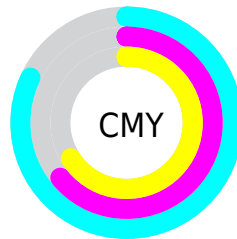
- Red (18%)
- Green (36%)
- Blue (34%)



- Red (18%)
- Yellow (28%)
- Blue (36%)



- Cyan (51%)
- Magenta (0%)
- Yellow (6%)
- Black (64%)



- Cyan (82%)
- Magenta (64%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E5D57 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 2E5D57 by changing the saturation by 10% instead.

 2E5D57

 2E5D57

FFFFFF

 144540

 609089

 002F2A

 7AAAA3

 001B15

 94C5BE

 000000

 AFE2DA

 CBFEF6

 E8FFFF

 2E5D57

 2E5D57

 255D56

 375D58

■ 1B5D55

■ 415D59

■ 125D53

■ 4A5D5B

■ 095D52

■ 535D5C

■ 005D51

■ 5D5D5D

■ 665D5E

■ 6F5D5F

■ 785D60

■ 825D62

Harmonies

Analogous

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



3D5C49



2E5D57



285C65

Triad

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



2E5D57



5A516C



69503C

Complementary

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



2E5D57



5D2E34

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.



714C45



2E5D57



694C61

Square

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



2E5D57



465671



714A53



5D5539

Rectangle

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



2E5D57



2D5B6C



714A53



6C4F3E

Sweetspot

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



2E5D57



667876



345D2E



323D3C



BDBDBD



3D3D3D

Same Dimension

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



2E5D57



2F786F



2E4C5D



292E2D



006E60



00EDCF

Inverse Universe

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



5D2E34



782F38



5D3F2E



2E292A



6E000E



ED001E

Previews

White Background



This preview shows how the Hex color 2E5D57 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

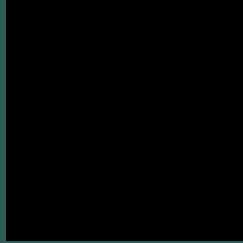
Any Text WCAG AA × Fail

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 2E5D57 Background



This preview shows how black text looks on a background with the Hex color 2E5D57.



This preview shows how white text looks on a background with the Hex color 2E5D57.

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
2E5D57

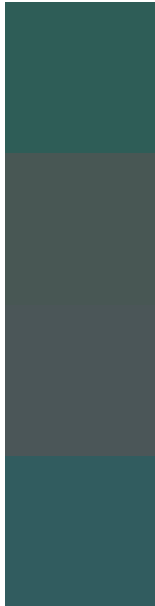
Protanopia
575452

Deuteranopia
5B5259



Tritanopia
325B63

Trichromacy



Original Color
2E5D57

Protanomaly
485754

Deuteranomaly
4B5658

Tritanomaly
315C5F

Monochromacy



Original Color
2E5D57

Achromatopsia
4E4E4E

Achromatomaly
425351

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E5D57 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 #2E5D57 looks like.

```
.text, #text, p{  
    color:#2E5D57  
}
```

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 #2E5D57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E5D57  
}
```

Border

The CSS property to change the border of an element to Hex 2E5D57 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  
#2E5D57 }
```

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

```
.border{ border-color:#2E5D57 }
```

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

Here you see how a box with a 4 pixel #2E5D57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E5D57; -webkit-box-shadow:4px 4px  
4px 4px #2E5D57; box-shadow:4px 4px 4px  
4px #2E5D57 }
```

Background

The CSS property to change the background color of an element to Hex 2E5D57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E5D57 }
```

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

```
.background{ background-color:#2E5D57 }
```

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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