

Converting Colors

Hex(2E5853)

Have a look what the booklet for
Hex(2E5853) contains.

Hex(2E5853)	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(2E5853)

Conversions

Conversions Part 1

Format	Color
Hex	2E5853
RGB	46, 88, 83
RGB Percent	18%, 35%, 33%
CMY	0.8196, 0.6549, 0.6745
CMYK	0.48, 0.00, 0.06, 0.65
HSL	173°, 31%, 26%
HSV	173°, 48%, 35%
XYZ	6.1778, 8.1848, 9.4378
YIQ	74.8720, -23.4270, -10.4590

Conversions

Conversions Part 2

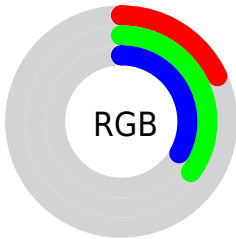
Format	Color
RYB	46, 68, 88
Decimal	3037267
CIELab	34.36, -16.06, -1.68
CIElCh	34, 16.144, 185.958
Yxy	8.1848, 0.2596, 0.3439
Android (android.graphics.Color)	4281227347 (0xFF2E5853)
YUV	74.8720, 4.0071, -25.3207
Hunter-Lab	28.6091, -11.5212, 0.4673

Details

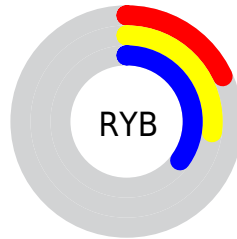
The Hex color **2E5853** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **582E33**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **5F8A84**, and **002A26** is the 20% darker color. If you saturate the color by 10%, you get **255852**, and if you desaturate by 10%, it is **375854**.

Distribution



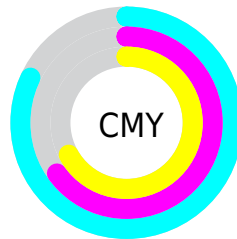
- Red (18%)
- Green (35%)
- Blue (33%)



- Red (18%)
- Yellow (27%)
- Blue (35%)



- Cyan (48%)
- Magenta (0%)
- Yellow (6%)
- Black (65%)



- Cyan (82%)
- Magenta (65%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E5853 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 2E5853 by changing the saturation by 10% instead.

■ 2E5853

■ 2E5853

FFFFFF

■ 15403C

■ 5F8A84

■ 002A26

■ 79A49E

■ 001712

■ 93C0B9

■ 000000

■ AEDCD5

■ CAF8F1

■ E6FFFF

■ 2E5853

■ 2E5853

■ 255852

■ 375854

■ 1C5851

■ 405855

■ 145850

■ 485856

■ 0B584F

■ 515857

■ 02584E

■ 5A5858

■ 00584E

■ 635859

■ 6C585A

■ 74585B

■ 7D585C

Harmonies

Analogous

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



3B5746



2E5853



2A575F

Triad

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



2E5853



564D66



634C3A

Complementary

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



2E5853



582E33

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.



6A4942



2E5853



63495C

Square

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



2E5853



44516A



6A474F



575137

Rectangle

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



2E5853



2E5666



6A474F



664B3C

Sweetspot

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



2E5853



637371



34582E



313B39



BABABA



3B3B3B

Same Dimension

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



2E5853



31736B



2E4958



272B2B



006B5E



00EBCF

Inverse Universe

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



582E33



733139



583D2E



2B2728



6B000D



EB001C

Previews

White Background



This preview shows how the Hex color 2E5853 looks on a white background.

Color Contrast Check

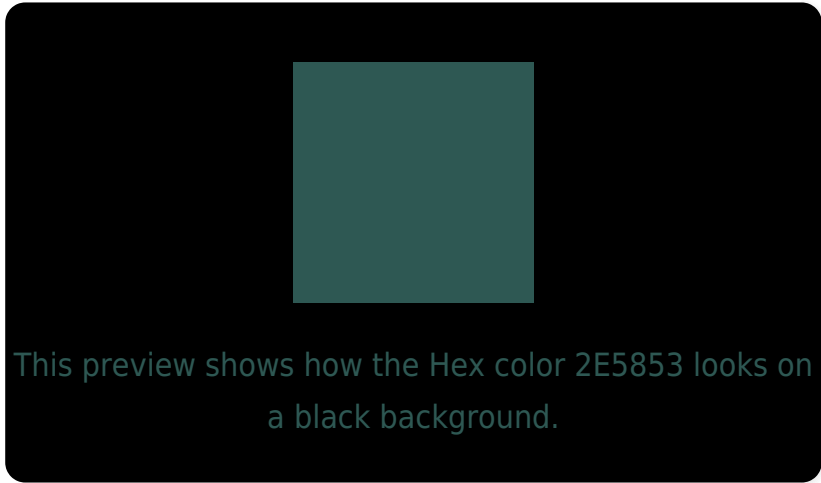
Large Text (above 18pt) WCAG AA ✓ Pass

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

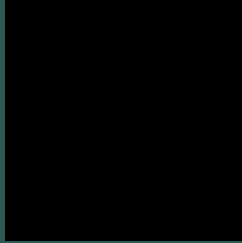
Any Text WCAG AA × Fail

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 2E5853 Background



This preview shows how black text looks on a background with the Hex color 2E5853.

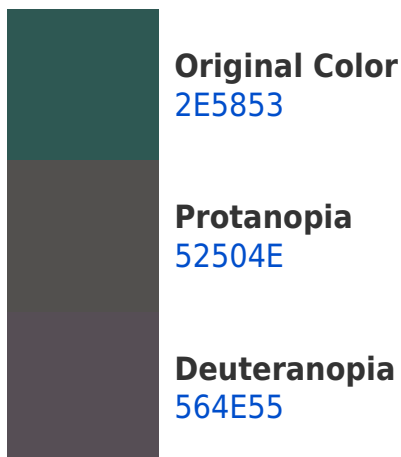


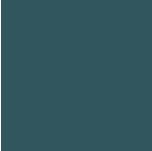
This preview shows how white text looks on a background with the Hex color 2E5853.

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](#).

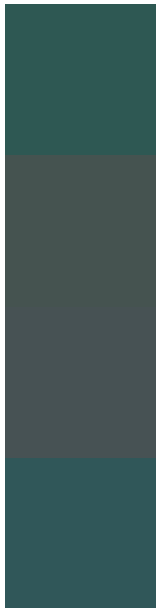
Dichromacy





Tritanopia
31565D

Trichromacy



Original Color
2E5853

Protanomaly
455350

Deuteranomaly
475254

Tritanomaly
305759

Monochromacy



Original Color
2E5853

Achromatopsia
4B4B4B

Achromatomaly
40504E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E5853 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 #2E5853 looks like.

```
.text, #text, p{  
  color:#2E5853  
}
```

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 #2E5853 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E5853
}
```

Border

The CSS property to change the border of an element to Hex 2E5853 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
#2E5853 }
```

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

```
.border{ border-color:#2E5853 }
```

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

Here you see how a box with a 4 pixel #2E5853 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E5853; -webkit-box-shadow:4px 4px  
4px 4px #2E5853; box-shadow:4px 4px 4px  
4px #2E5853 }
```

Background

The CSS property to change the background color of an element to Hex 2E5853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E5853 }
```

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

```
.background{ background-color:#2E5853 }
```

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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