

Converting Colors

Hex(2E4B48)

Have a look what the booklet for
Hex(2E4B48) contains.

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Color

Hex(2E4B48)

Conversions

Conversions Part 1

Format	Color
Hex	2E4B48
RGB	46, 75, 72
RGB Percent	18%, 29%, 28%
CMY	0.8196, 0.7059, 0.7176
CMYK	0.39, 0.00, 0.04, 0.71
HSL	174°, 24%, 24%
HSV	174°, 39%, 29%
XYZ	4.8125, 6.0809, 7.0510
YIQ	65.9870, -16.3210, -7.0810

Conversions

Conversions Part 2

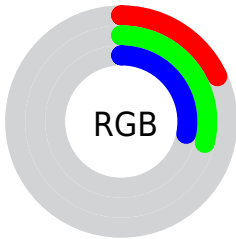
Format	Color
RYB	46, 61, 75
Decimal	3033928
CIELab	29.62, -11.64, -1.67
CIElCh	30, 11.762, 188.146
Yxy	6.0809, 0.2682, 0.3389
Android (android.graphics.Color)	4281224008 (0xFF2E4B48)
YUV	65.9870, 2.9644, -17.5286
Hunter-Lab	24.6594, -8.3183, 0.3086




Details

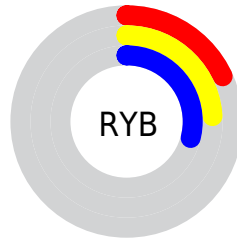
The Hex color **2E4B48** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4B2E31**, and the grayscale version is **424242**.




A 20% lighter version of the original color is **5D7C78**, and **021F1D** is the 20% darker color. If you saturate the color by 10%, you get **274B47**, and if you desaturate by 10%, it is **354B49**.

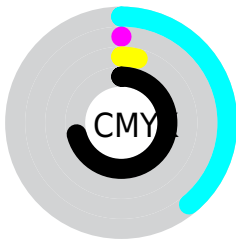
Distribution







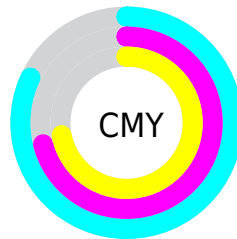
-  Red (18%)
-  Green (29%)
-  Blue (28%)






-  Red (18%)
-  Yellow (24%)
-  Blue (29%)



-  Cyan (39%)
-  Magenta (0%)
-  Yellow (4%)
-  Black (71%)



-  Cyan (82%)
-  Magenta (71%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E4B48 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 2E4B48 by changing the saturation by 10% instead.

■ 2E4B48

■ 2E4B48

FFFFFF

■ 173432

■ 5D7C78

■ 021F1D

■ 779692

■ 000002

■ 91B0AD

■ 000000

■ ABCCC8

■ C7E8E4

■ E3FFFF

■ 2E4B48

■ 2E4B48

■ 274B47

■ 354B49

■ 1F4B46

■ 3D4B4A

■ 174B46

■ 454B4A

■ 104B45

■ 4C4B4B

■ 084B44

■ 544B4C

■ 014B43

■ 5B4B4D

■ 004B43

■ 624B4D

■ 6A4B4E

■ 724B4F

Harmonies

Analogous

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



364A3F



2E4B48



2C4A51

Triad

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



2E4B48



4A4354



534335

Complementary

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



2E4B48



4B2E31

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.



58403B



2E4B48



54404D

Square

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



2E4B48



3E4658



583F44



4A4634

Rectangle

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



2E4B48



304955



583F44



554237

Sweetspot

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



2E4B48



556160



314B2E



2A3030



B0B0B0



303030

Same Dimension

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



2E4B48



34615C



2E404B



222626



00665B



00E6CE

Inverse Universe

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



4B2E31



613439



4B392E



262223



66000B



E60018

Previews

White Background



This preview shows how the Hex color 2E4B48 looks on a white background.

Color Contrast Check

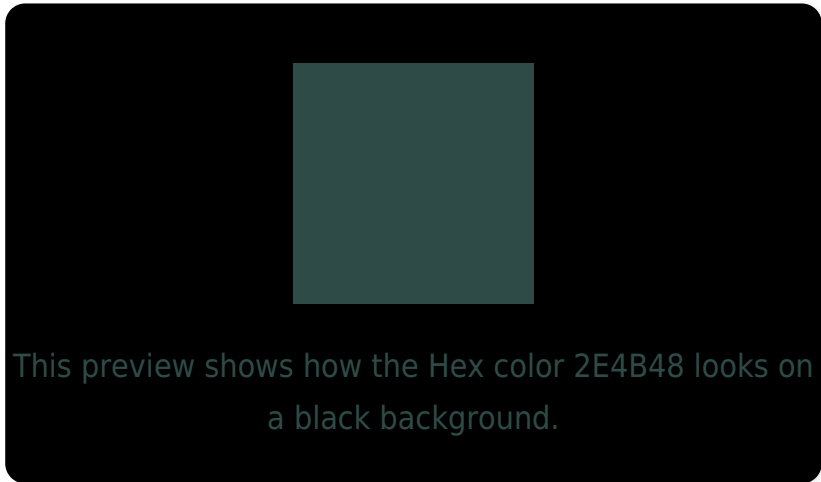
Large Text (above 18pt) WCAG AA ✓ Pass

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

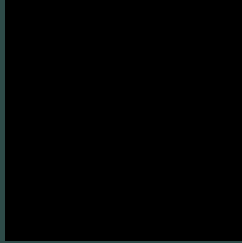
Any Text WCAG AA × Fail

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 2E4B48 Background



This preview shows how black text looks on a background with the Hex color 2E4B48.



This preview shows how white text looks on a background with the Hex color 2E4B48.

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](#).

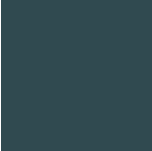
Dichromacy



Original Color
2E4B48

Protanopia
474545

Deuteranopia
4A444A



Tritanopia
304A50

Trichromacy



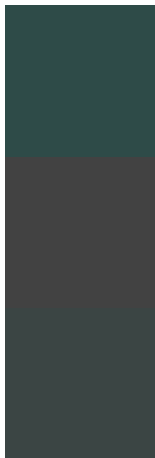
Original Color
2E4B48

Protanomaly
3E4746

Deuteranomaly
404749

Tritanomaly
2F4A4D

Monochromacy



Original Color
2E4B48

Achromatopsia
424242

Achromatomaly
3B4544

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E4B48 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 #2E4B48 looks like.

```
.text, #text, p{  
    color:#2E4B48  
}
```

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 #2E4B48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E4B48
}
```

Border

The CSS property to change the border of an element to Hex 2E4B48 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
#2E4B48 }
```

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

```
.border{ border-color:#2E4B48 }
```

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

Here you see how a box with a 4 pixel #2E4B48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E4B48; -webkit-box-shadow:4px 4px  
4px 4px #2E4B48; box-shadow:4px 4px 4px  
4px #2E4B48 }
```

Background

The CSS property to change the background color of an element to Hex 2E4B48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E4B48 }
```

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

```
.background{ background-color:#2E4B48 }
```

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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