

Converting Colors

Hex(2E4E4D)

Have a look what the booklet for
Hex(2E4E4D) contains.

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Color

Hex(2E4E4D)

Conversions

Conversions Part 1

Format	Color
Hex	2E4E4D
RGB	46, 78, 77
RGB Percent	18%, 31%, 30%
CMY	0.8196, 0.6941, 0.6980
CMYK	0.41, 0.00, 0.01, 0.69
HSL	178°, 26%, 24%
HSV	178°, 41%, 31%
XYZ	5.1907, 6.5654, 8.0149
YIQ	68.3180, -18.7510, -7.0950

Conversions

Conversions Part 2

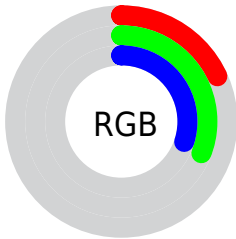
Format	Color
R_{YB}	46, 62, 78
Decimal	3034701
CIE _{Lab}	30.80, -12.01, -3.14
CIE _{LCh}	31, 12.412, 194.632
Yxy	6.5654, 0.2625, 0.3321
Android (android.graphics.Color)	4281224781 (0xFF2E4E4D)
YUV	68.3180, 4.2802, -19.5729
Hunter-Lab	25.6231, -8.6804, -0.6096

Details

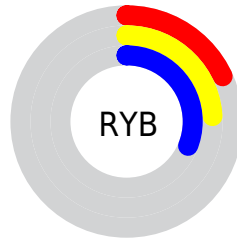
The Hex color **2E4E4D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4E2E2F**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **5E7F7E**, and **012221** is the 20% darker color. If you saturate the color by 10%, you get **264E4D**, and if you desaturate by 10%, it is **364E4D**.

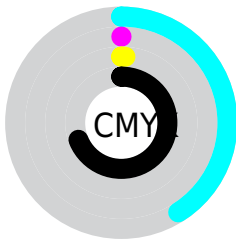
Distribution



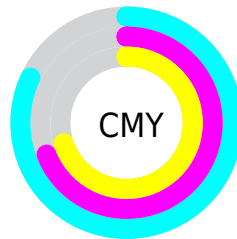
- Red (18%)
- Green (31%)
- Blue (30%)



- Red (18%)
- Yellow (24%)
- Blue (31%)



- Cyan (41%)
- Magenta (0%)
- Yellow (1%)
- Black (69%)



- Cyan (82%)
- Magenta (69%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E4E4D 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 2E4E4D by changing the saturation by 10% instead.

■ 2E4E4D

■ 2E4E4D

FFFFFF

■ 173736

■ 5E7F7E

■ 012221

■ 779998

■ 00060A

■ 91B4B2

■ 000000

■ ACD0CE

■ C8ECEA

■ E4FFFF

■ 2E4E4D

■ 2E4E4D

■ 264E4D

■ 364E4D

■ 1E4E4D

■ 3E4E4D

■ 174E4C

■ 454E4E

■ 0F4E4C

■ 4D4E4E

■ 074E4C

■ 554E4E

■ 004E4C

■ 5D4E4E

■ 654E4F

■ 6C4E4F

■ 744E4F

Harmonies

Analogous

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



354E43



2E4E4D



2E4D56

Triad

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



2E4E4D



504456



544636

Complementary

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



2E4E4D



4E2E2F

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.



5B433B



2E4E4D



59424E

Square

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



2E4E4D



43485B



5C4244



4B4936

Rectangle

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



2E4E4D



334C5A



5C4244



574537

Sweetspot

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



2E4E4D



5A6666



2F4E2E



2C3333



B3B3B3



333333

Same Dimension

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



2E4E4D



346664



2E3F4E



222626



006663



00E6DE

Inverse Universe

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



4E2E2F



663436



4E3D2E



262223



660003



E60007

Previews

White Background



This preview shows how the Hex color 2E4E4D 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

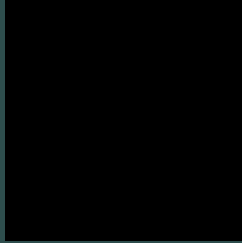
Any Text WCAG AA × Fail

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 2E4E4D Background



This preview shows how black text looks on a background with the Hex color 2E4E4D.



This preview shows how white text looks on a background with the Hex color 2E4E4D.

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
2E4E4D

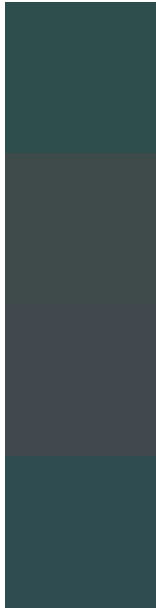
Protanopia
494849

Deuteranopia
4C464F



Tritanopia
304D53

Trichromacy



Original Color
2E4E4D

Protanomaly
3F4A4A

Deuteranomaly
41494E

Tritanomaly
2F4D51

Monochromacy



Original Color
2E4E4D

Achromatopsia
444444

Achromatomaly
3C4847

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E4E4D 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 #2E4E4D looks like.

```
.text, #text, p{  
    color:#2E4E4D  
}
```

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 #2E4E4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E4E4D
}
```

Border

The CSS property to change the border of an element to Hex 2E4E4D 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
#2E4E4D }
```

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

```
.border{ border-color:#2E4E4D }
```

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

Here you see how a box with a 4 pixel #2E4E4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E4E4D; -webkit-box-shadow:4px 4px  
4px 4px #2E4E4D; box-shadow:4px 4px 4px  
4px #2E4E4D }
```

Background

The CSS property to change the background color of an element to Hex 2E4E4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E4E4D }
```

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

```
.background{ background-color:#2E4E4D }
```

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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