

Converting Colors

Hex(284E3E)

Have a look what the booklet for
Hex(284E3E) contains.

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Color

Hex(284E3E)

Conversions

Conversions Part 1

Format	Color
Hex	284E3E
RGB	40, 78, 62
RGB Percent	16%, 31%, 24%
CMY	0.8431, 0.6941, 0.7569
CMYK	0.49, 0.00, 0.21, 0.69
HSL	155°, 32%, 23%
HSV	155°, 49%, 31%
XYZ	4.4690, 6.2477, 5.5278
YIQ	64.8140, -17.5120, -13.0320

Conversions

Conversions Part 2

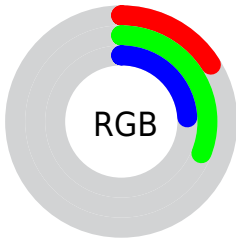
Format	Color
R_YB	40, 64, 78
Decimal	2641470
CIE Lab	30.03, -17.94, 5.30
CIE LCh	30, 18.704, 163.526
Yxy	6.2477, 0.2751, 0.3846
Android (android.graphics.Color)	4280831550 (0xFF284E3E)
YUV	64.8140, -1.3873, -21.7619
Hunter-Lab	24.9954, -11.8277, 4.3846

Details

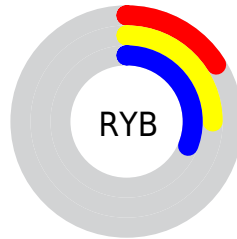
The Hex color **284E3E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4E2838**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **587F6D**, and **002114** is the 20% darker color. If you saturate the color by 10%, you get **204E3B**, and if you desaturate by 10%, it is **304E41**.

Distribution



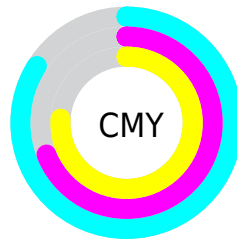
- Red (16%)
- Green (31%)
- Blue (24%)



- Red (16%)
- Yellow (25%)
- Blue (31%)



- Cyan (49%)
- Magenta (0%)
- Yellow (21%)
- Black (69%)



- Cyan (84%)
- Magenta (69%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 284E3E 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 284E3E by changing the saturation by 10% instead.

■ 284E3E

■ 284E3E

FFFFFF

■ 103728

■ 587F6D

■ 002114

■ 719987

■ 000000

■ 8BB4A1

■ A5D0BC

■ C1ECD8

■ DDFFF4

■ FAFFFF

■ 284E3E

■ 284E3E

■ 204E3B

■ 304E41

■ 184E37

■ 384E45

■ 114E34

■ 3F4E48

■ 094E31

■ 474E4B

■ 014E2E

■ 4F4E4E

■ 004E2D

■ 574E52

■ 5F4E55

■ 664E58

■ 6E4E5C

Harmonies

Analogous

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



3A4C31



284E3E



174F4D

Triad

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



284E3E



3D4663



613E33

Complementary

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



284E3E



4E2838

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.



633C41



284E3E



51415C

Square

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



284E3E



254A62



5E3D4F



58432B

Rectangle

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



284E3E



114E56



5E3D4F



623D37

Sweetspot

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



284E3E



576660



384E28



2A332F



B3B3B3



333333

Same Dimension

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



284E3E



2B664D



284B4E



222625



00663B



00E685

Inverse Universe

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



4E2838



662B44



4E2B28



262224



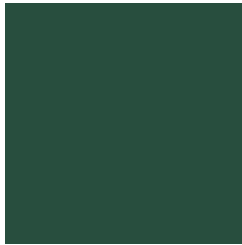
66002B



E60061

Previews

White Background



This preview shows how the Hex color 284E3E looks on a white background.

Color Contrast Check

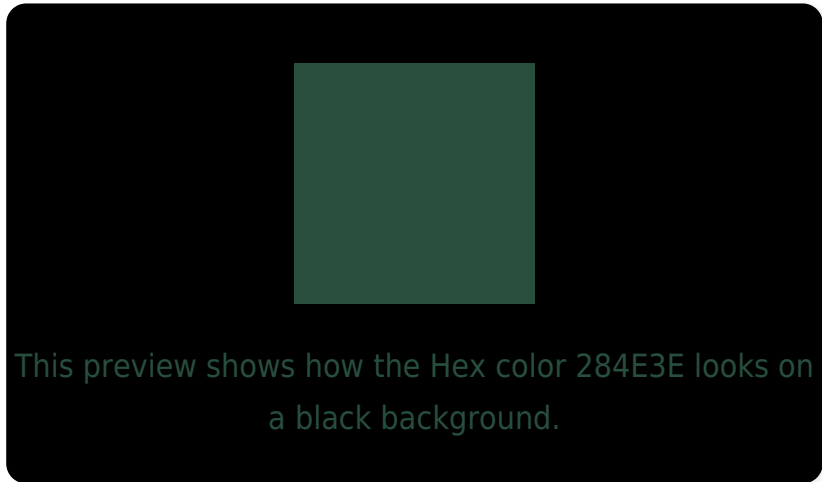
Large Text (above 18pt) WCAG AA ✓ Pass

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

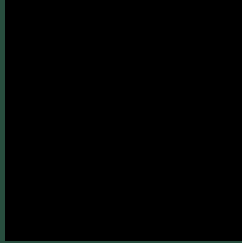
Any Text WCAG AA × Fail

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 284E3E Background



This preview shows how black text looks on a background with the Hex color 284E3E.



This preview shows how white text looks on a background with the Hex color 284E3E.

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
284E3E

Protanopia
4A463A

Deuteranopia
504440



Tritanopia
2D4B51

Trichromacy



Original Color
284E3E

Protanomaly
3E493B

Deuteranomaly
41483F

Tritanomaly
2B4C4A

Monochromacy



Original Color
284E3E

Achromatopsia
414141

Achromatomaly
384640

CSS Examples

Text

The CSS property to change the color of the text to Hex 284E3E 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 #284E3E looks like.

```
.text, #text, p{  
    color:#284E3E  
}
```

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 #284E3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #284E3E
}
```

Border

The CSS property to change the border of an element to Hex 284E3E 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
#284E3E }
```

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

```
.border{ border-color:#284E3E }
```

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

Here you see how a box with a 4 pixel #284E3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #284E3E; -webkit-box-shadow:4px 4px  
4px 4px #284E3E; box-shadow:4px 4px 4px  
4px #284E3E }
```

Background

The CSS property to change the background color of an element to Hex 284E3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#284E3E }
```

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

```
.background{ background-color:#284E3E }
```

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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