

Converting Colors

Hex(2E2745)

Have a look what the booklet for
Hex(2E2745) contains.

Hex(2E2745)	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(2E2745)

Conversions

Conversions Part 1

Format	Color
Hex	2E2745
RGB	46, 39, 69
RGB Percent	18%, 15%, 27%
CMY	0.8196, 0.8471, 0.7294
CMYK	0.33, 0.43, 0.00, 0.73
HSL	254°, 28%, 21%
HSV	254°, 43%, 27%
XYZ	2.9264, 2.4616, 5.9511
YIQ	44.5130, -5.4580, 10.8140

Conversions

Conversions Part 2

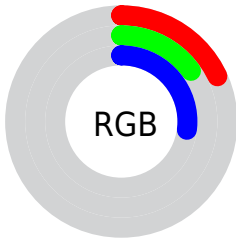
Format	Color
RYB	46, 39, 69
Decimal	3024709
CIELab	17.74, 11.26, -17.72
CIELCh	18, 20.998, 302.442
Yxy	2.4616, 0.2581, 0.2171
Android (android.graphics.Color)	4281214789 (0xFF2E2745)
YUV	44.5130, 12.0721, 1.3041
Hunter-Lab	15.6893, 5.8379, -11.5067




Details

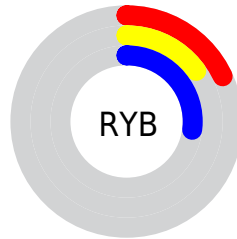
The Hex color **2E2745** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **3E4527**, and the grayscale version is **2C2C2C**.




A 20% lighter version of the original color is **5D5475**, and **00001A** is the 20% darker color. If you saturate the color by 10%, you get **292045**, and if you desaturate by 10%, it is **332E45**.

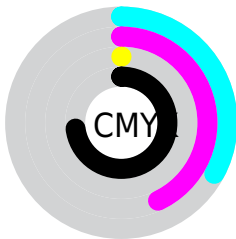
Distribution







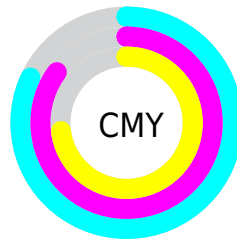
-  Red (18%)
-  Green (15%)
-  Blue (27%)






-  Red (18%)
-  Yellow (15%)
-  Blue (27%)



-  Cyan (33%)
-  Magenta (43%)
-  Yellow (0%)
-  Black (73%)



-  Cyan (82%)
-  Magenta (85%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E2745 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 2E2745 by changing the saturation by 10% instead.



2E2745



2E2745

FFFFFF



18132F



5D5475



00001A



766C8F



000000



9085AA



AAA0C5



C6BBE1



E2D6FE



FFF3FF



2E2745



2E2745

■ 292045

■ 332E45

■ 231945

■ 393545

■ 1E1245

■ 3E3C45

■ 190B45

■ 434345

■ 140445

■ 484A45

■ 100045

■ 4E5045

■ 535745

■ 585E45

■ 5E6545

Harmonies

Analogous

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



112D4A



2E2745



3F213A

Triad

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



2E2745



3F2611



00332C

Complementary

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



2E2745



3E4527

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.



0F321D



2E2745



332B0B

Square

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



2E2745



47201C



232F11



00333B

Rectangle

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



2E2745



451F30



232F11



003327

Sweetspot

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



2E2745



504E59



273E45



28272E



ADADAD



2E2E2E

Same Dimension

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



2E2745



362B59



3D2745



212024



170063



3500E3

Inverse Universe

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



45273E



592B4E



2F4527



242023



63004C



E300AE

Previews

White Background



This preview shows how the Hex color 2E2745 looks on a white background.

Color Contrast Check

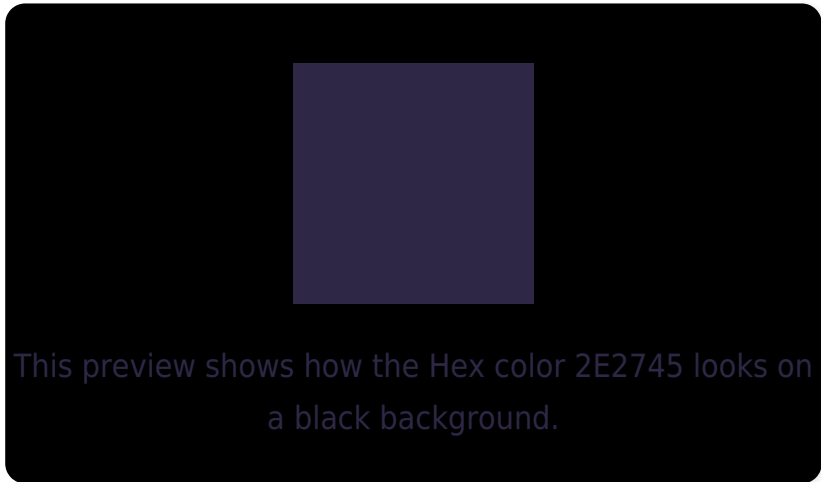
Large Text (above 18pt) WCAG AA ✓ Pass

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

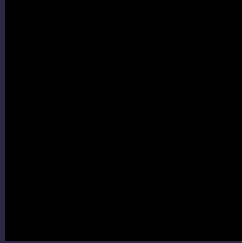
Any Text WCAG AA × Fail

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 2E2745 Background



This preview shows how black text looks on a background with the Hex color 2E2745.



This preview shows how white text looks on a background with the Hex color 2E2745.

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
2E2745

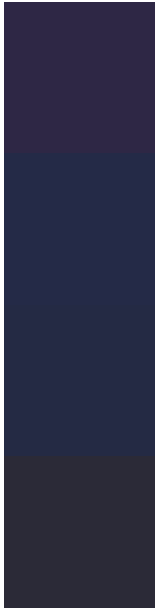
Protanopia
1F2B48

Deuteranopia
1F2C44



Tritanopia
292C2F

Trichromacy



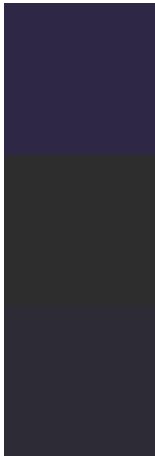
Original Color
2E2745

Protanomaly
242A47

Deuteranomaly
242A44

Tritanomaly
2B2A37

Monochromacy



Original Color
2E2745

Achromatopsia
2D2D2D

Achromatomaly
2D2B36

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E2745 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 #2E2745 looks like.

```
.text, #text, p{  
    color:#2E2745  
}
```

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 #2E2745 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E2745
}
```

Border

The CSS property to change the border of an element to Hex 2E2745 is called "border". The border property can be set on classes, ids or directly on the HTML element.

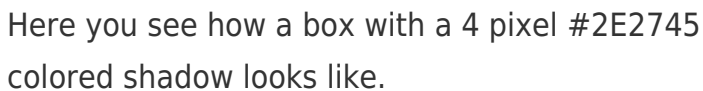
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E2745 }
```

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

```
.border{ border-color:#2E2745 }
```

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



Here you see how a box with a 4 pixel #2E2745 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E2745; -webkit-box-shadow:4px 4px  
4px 4px #2E2745; box-shadow:4px 4px 4px  
4px #2E2745 }
```

Background

The CSS property to change the background color of an element to Hex 2E2745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E2745 }
```

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

```
.background{ background-color:#2E2745 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor