

Converting Colors

Hex(2E304C)

Have a look what the booklet for
Hex(2E304C) contains.

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Color

Hex(2E304C)

Conversions

Conversions Part 1

Format	Color
Hex	2E304C
RGB	46, 48, 76
RGB Percent	18%, 19%, 30%
CMY	0.8196, 0.8118, 0.7020
CMYK	0.39, 0.37, 0.00, 0.70
HSL	236°, 25%, 24%
HSV	236°, 39%, 30%
XYZ	3.4882, 3.2165, 7.2745
YIQ	50.5940, -10.1800, 8.2840

Conversions

Conversions Part 2

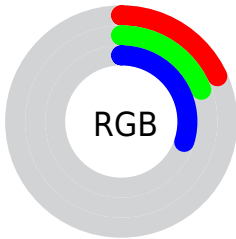
Format	Color
RYB	46, 48, 76
Decimal	3027020
CIELab	20.89, 7.15, -17.55
CIElCh	21, 18.948, 292.155
Yxy	3.2165, 0.2495, 0.2301
Android (android.graphics.Color)	4281217100 (0xFF2E304C)
YUV	50.5940, 12.5252, -4.0289
Hunter-Lab	17.9347, 3.3311, -11.4942




Details

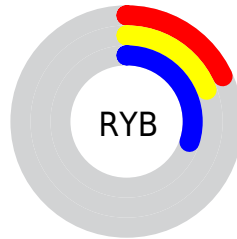
The Hex color **2E304C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4C4A2E**, and the grayscale version is **323232**.




A 20% lighter version of the original color is **5D5E7D**, and **010020** is the 20% darker color. If you saturate the color by 10%, you get **26294C**, and if you desaturate by 10%, it is **36374C**.

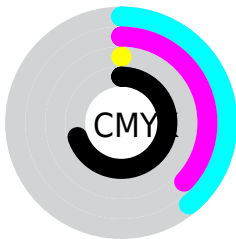
Distribution







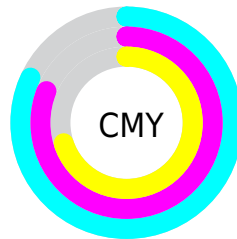
-  Red (18%)
-  Green (19%)
-  Blue (30%)






-  Red (18%)
-  Yellow (19%)
-  Blue (30%)



-  Cyan (39%)
-  Magenta (37%)
-  Yellow (0%)
-  Black (70%)



-  Cyan (82%)
-  Magenta (81%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E304C 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 2E304C by changing the saturation by 10% instead.



2E304C



2E304C

FFFFFF



181B35



5D5E7D



010020



767797



000004



9090B2



000000



ABABCD



C6C6E9



E2E2FF



2E304C



2E304C



26294C



36374C

■ 1F224C

■ 3D3E4C

■ 171B4C

■ 45454C

■ 10144C

■ 4C4C4C

■ 080D4C

■ 54534C

■ 00054C

■ 5C5B4C

■ 63624C

■ 6B694C

■ 72704C

Harmonies

Analogous

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



14354E



2E304C



402B43

Triad

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



2E304C



482B1D



0A392E

Complementary

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



2E304C



4C4A2E

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.



203821



2E304C



3E3016

Square

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



2E304C



4D2828



313518



00393C

Rectangle

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



2E304C



48283B



313518



133929

Sweetspot

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



2E304C



585863



2E4C4A



2C2C33



B3B3B3



333333

Same Dimension

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



2E304C



353863



3B2E4C



222326



000766



000FE6

Inverse Universe

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



4C2E30



633538



3F4C2E



262223



660007



E6000F

Previews

White Background



This preview shows how the Hex color 2E304C looks on a white background.

Color Contrast Check

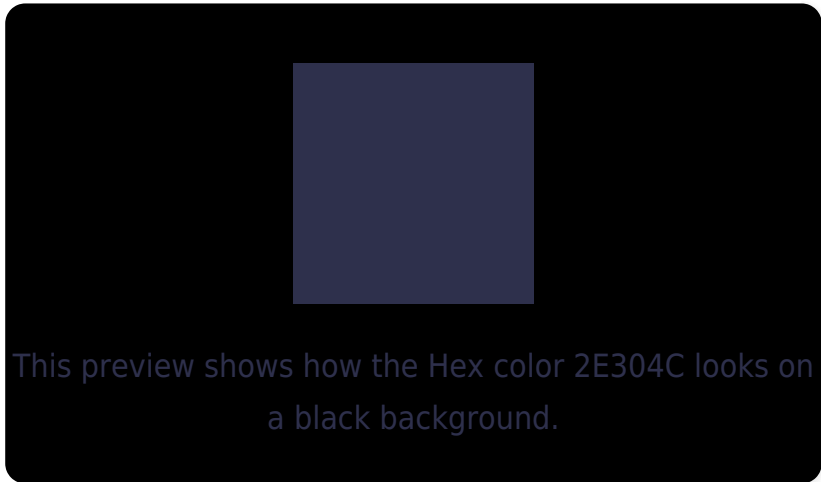
Large Text (above 18pt) WCAG AA ✓ Pass

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

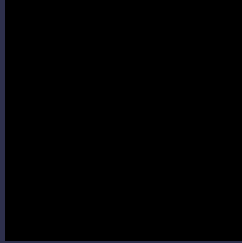
Any Text WCAG AA × Fail

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 2E304C Background



This preview shows how black text looks on a background with the Hex color 2E304C.



This preview shows how white text looks on a background with the Hex color 2E304C.

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
2E304C

Protanopia
28314D

Deuteranopia
27324C



Tritanopia
293438

Trichromacy



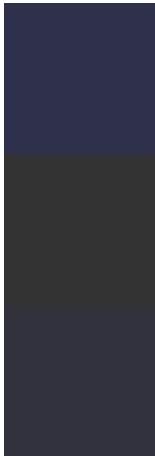
Original Color
2E304C

Protanomaly
2A314D

Deuteranomaly
2A314C

Tritanomaly
2B333F

Monochromacy



Original Color
2E304C

Achromatopsia
333333

Achromatomaly
31323C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E304C 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 #2E304C looks like.

```
.text, #text, p{  
    color:#2E304C  
}
```

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 #2E304C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E304C
}
```

Border

The CSS property to change the border of an element to Hex 2E304C is called "border". The border property can be set on classes, ids or directly on the HTML element.

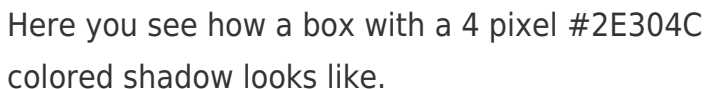
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E304C }
```

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

```
.border{ border-color:#2E304C }
```

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



Here you see how a box with a 4 pixel #2E304C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E304C; -webkit-box-shadow:4px 4px  
4px 4px #2E304C; box-shadow:4px 4px 4px  
4px #2E304C }
```

Background

The CSS property to change the background color of an element to Hex 2E304C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E304C }
```

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

```
.background{ background-color:#2E304C }
```

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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