

Converting Colors

Hex(2B2944)

Have a look what the booklet for
Hex(2B2944) contains.

Hex(2B2944)	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(2B2944)

Conversions

Conversions Part 1

Format	Color
Hex	2B2944
RGB	43, 41, 68
RGB Percent	17%, 16%, 27%
CMY	0.8314, 0.8392, 0.7333
CMYK	0.37, 0.40, 0.00, 0.73
HSL	244°, 25%, 21%
HSV	244°, 40%, 27%
XYZ	2.8326, 2.5168, 5.8053
YIQ	44.6760, -7.4750, 8.8210

Conversions

Conversions Part 2

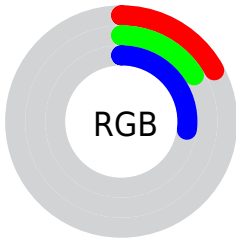
Format	Color
RYB	43, 41, 68
Decimal	2828612
CIELab	17.99, 8.49, -16.66
CIELCh	18, 18.703, 297.000
Yxy	2.5168, 0.2539, 0.2256
Android (android.graphics.Color)	4281018692 (0xFF2B2944)
YUV	44.6760, 11.4987, -1.4699
Hunter-Lab	15.8645, 4.1081, -10.5910




Details

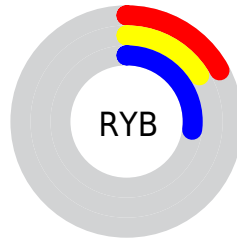
The Hex color **2B2944** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **424429**, and the grayscale version is **2D2D2D**.




A 20% lighter version of the original color is **5A5674**, and **000119** is the 20% darker color. If you saturate the color by 10%, you get **252244**, and if you desaturate by 10%, it is **313044**.

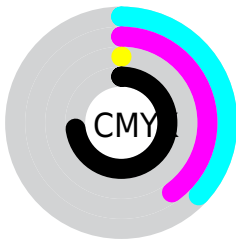
Distribution







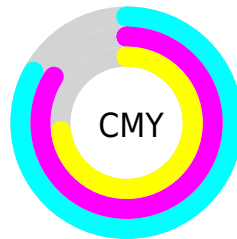
-  Red (17%)
-  Green (16%)
-  Blue (27%)






-  Red (17%)
-  Yellow (16%)
-  Blue (27%)



-  Cyan (37%)
-  Magenta (40%)
-  Yellow (0%)
-  Black (73%)



-  Cyan (83%)
-  Magenta (84%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B2944 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 2B2944 by changing the saturation by 10% instead.

■ 2B2944

■ 2B2944

FFFFFF

■ 15152E

■ 5A5674

■ 000119

■ 726E8E

■ 000000

■ 8C88A8

■ A7A2C4

■ C2BDE0

■ DED9FC

■ FBF5FF

■ 2B2944

■ 2B2944

■ 252244

■ 313044

■ 1E1B44

■ 383744

■ 181544

■ 3E3D44

■ 120E44

■ 444444

■ 0C0744

■ 4A4B44

■ 050044

■ 515244

■ 575944

■ 5D5F44

■ 646644

Harmonies

Analogous

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



122E47



2B2944



3B243B

Triad

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



2B2944



402616



00332A

Complementary

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



2B2944



424429

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.



17321D



2B2944



352B10

Square

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



2B2944



452220



282F13



003338

Rectangle

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



2B2944



422232



282F13



083325

Sweetspot

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



2B2944



4F4F59



294244



28272E



ADADAD



2E2E2E

Same Dimension

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



2B2944



322E59



382944



1E1E21



070061



1100E0

Inverse Universe

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



442942



592E56



354429



211E21



61005A



E000D0

Previews

White Background



This preview shows how the Hex color 2B2944 looks on a white background.

Color Contrast Check

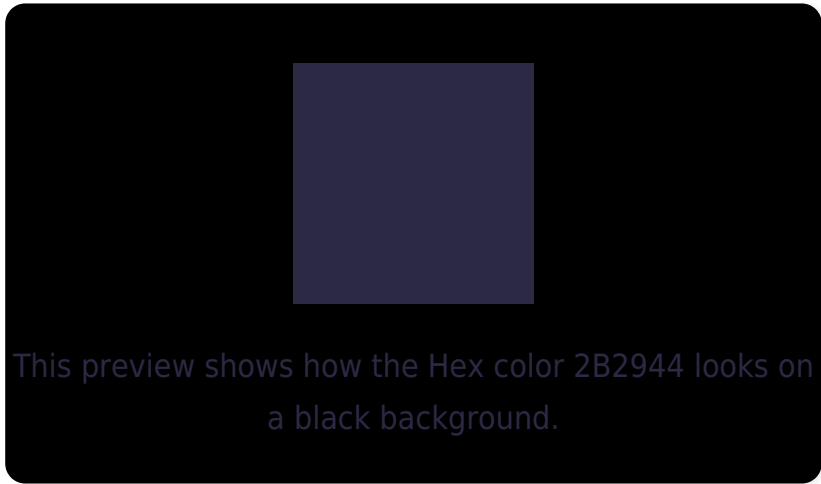
Large Text (above 18pt) WCAG AA ✓ Pass

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

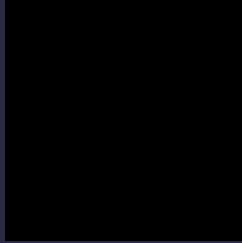
Any Text WCAG AA × Fail

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 2B2944 Background



This preview shows how black text looks on a background with the Hex color 2B2944.



This preview shows how white text looks on a background with the Hex color 2B2944.

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
2B2944

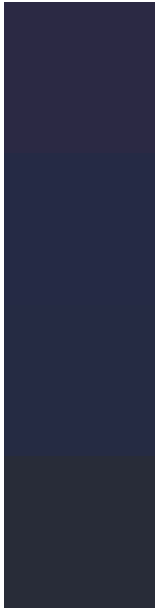
Protanopia
222B46

Deuteranopia
212C43



Tritanopia
272D31

Trichromacy



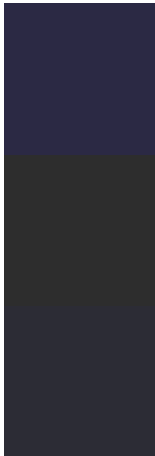
Original Color
2B2944

Protanomaly
252A45

Deuteranomaly
252B43

Tritanomaly
282C38

Monochromacy



Original Color
2B2944

Achromatopsia
2D2D2D

Achromatomaly
2C2C35

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B2944 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 #2B2944 looks like.

```
.text, #text, p{  
    color:#2B2944  
}
```

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 #2B2944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B2944
}
```

Border

The CSS property to change the border of an element to Hex 2B2944 is called "border". The border property can be set on classes, ids or directly on the HTML element.

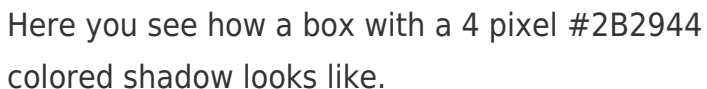
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B2944 }
```

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

```
.border{ border-color:#2B2944 }
```

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



Here you see how a box with a 4 pixel #2B2944 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B2944; -webkit-box-shadow:4px 4px  
4px 4px #2B2944; box-shadow:4px 4px 4px  
4px #2B2944 }
```

Background

The CSS property to change the background color of an element to Hex 2B2944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B2944 }
```

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

```
.background{ background-color:#2B2944 }
```

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