

Converting Colors

Hex(2B2E57)

Have a look what the booklet for
Hex(2B2E57) contains.

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Color

Hex(2B2E57)

Conversions

Conversions Part 1

Format	Color
Hex	2B2E57
RGB	43, 46, 87
RGB Percent	17%, 18%, 34%
CMY	0.8314, 0.8196, 0.6588
CMYK	0.51, 0.47, 0.00, 0.66
HSL	236°, 34%, 25%
HSV	236°, 51%, 34%
XYZ	3.6936, 3.1557, 9.4313
YIQ	49.7770, -14.9490, 12.1150

Conversions

Conversions Part 2

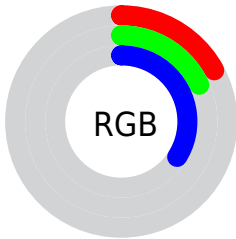
Format	Color
R_{YB}	43, 46, 87
Decimal	2829911
CIE _{Lab}	20.66, 11.35, -25.29
CIE _{LCh}	21, 27.721, 294.178
Yxy	3.1557, 0.2269, 0.1938
Android (android.graphics.Color)	4281019991 (0xFF2B2E57)
YUV	49.7770, 18.3509, -5.9434
Hunter-Lab	17.7643, 6.0262, -19.0427

Details

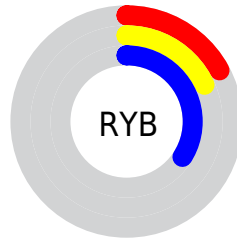
The Hex color **2B2E57** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **57542B**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **5C5C89**, and **00002A** is the 20% darker color. If you saturate the color by 10%, you get **222657**, and if you desaturate by 10%, it is **343657**.

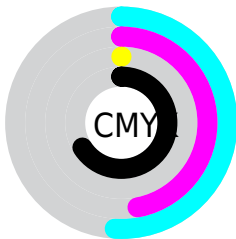
Distribution



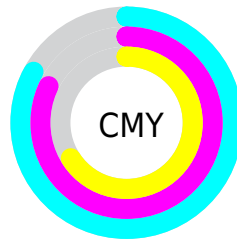
- Red (17%)
- Green (18%)
- Blue (34%)



- Red (17%)
- Yellow (18%)
- Blue (34%)



- Cyan (51%)
- Magenta (47%)
- Yellow (0%)
- Black (66%)



- Cyan (83%)
- Magenta (82%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B2E57 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 2B2E57 by changing the saturation by 10% instead.

■ 2B2E57

■ 2B2E57

FFFFFF

■ 13193F

■ 5C5C89

■ 00002A

■ 7574A4

■ 000114

■ 8F8EBF

■ 000000

■ AAA8DB

■ C6C3F7

■ E2DFFF

■ FFFCFF

■ 2B2E57

■ 2B2E57

■ 222657

■ 343657

■ 1A1E57

■ 3C3E57

■ 111657

■ 454657

■ 080E57

■ 4E4E57

■ 000657

■ 575757

■ 5F5F57

■ 686757

■ 716F57

■ 797757

Harmonies

Analogous

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



00355A



2B2E57



47254A

Triad

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



2B2E57



4F2711



003B2D

Complementary

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



2B2E57



57542B

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.



113919



2B2E57



402F04

Square

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



2B2E57



562022



2C3608



003B42

Rectangle

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



2B2E57



51203D



2C3608



003B26

Sweetspot

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



2B2E57



5F6170



2B5753



2E2F38



B8B8B8



383838

Same Dimension

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



2B2E57



2C3070



3D2B57



27272B



00076B



0010EB

Inverse Universe

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



572B2E



702C30



45572B



2B2727



6B0007



EB0010

Previews

White Background



This preview shows how the Hex color 2B2E57 looks on a white background.

Color Contrast Check

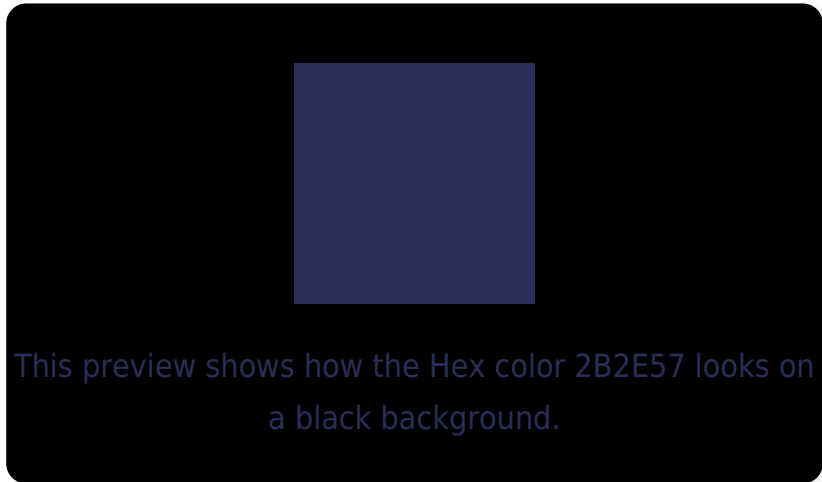
Large Text (above 18pt) WCAG AA ✓ Pass

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

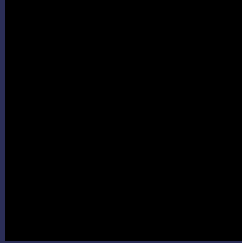
Any Text WCAG AA × Fail

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 2B2E57 Background



This preview shows how black text looks on a background with the Hex color 2B2E57.



This preview shows how white text looks on a background with the Hex color 2B2E57.

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
2B2E57

Protanopia
1E3059

Deuteranopia
163256



Tritanopia
223539

Trichromacy



Original Color
2B2E57

Protanomaly
232F58

Deuteranomaly
1E3156

Tritanomaly
253244

Monochromacy



Original Color
2B2E57

Achromatopsia
323232

Achromatomaly
2F313F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B2E57 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 #2B2E57 looks like.

```
.text, #text, p{  
    color:#2B2E57  
}
```

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 #2B2E57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B2E57
}
```

Border

The CSS property to change the border of an element to Hex 2B2E57 is called "border". The border property can be set on classes, ids or directly on the HTML element.

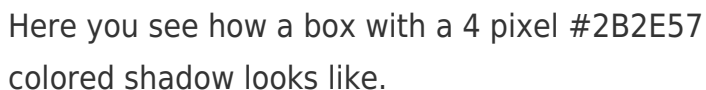
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B2E57 }
```

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

```
.border{ border-color:#2B2E57 }
```

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



Here you see how a box with a 4 pixel #2B2E57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B2E57; -webkit-box-shadow:4px 4px  
4px 4px #2B2E57; box-shadow:4px 4px 4px  
4px #2B2E57 }
```

Background

The CSS property to change the background color of an element to Hex 2B2E57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B2E57 }
```

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

```
.background{ background-color:#2B2E57 }
```

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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