

Converting Colors

Hex(2B2651)

Have a look what the booklet for
Hex(2B2651) contains.

Hex(2B2651)	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(2B2651)

Conversions

Conversions Part 1

Format	Color
Hex	2B2651
RGB	43, 38, 81
RGB Percent	17%, 15%, 32%
CMY	0.8314, 0.8510, 0.6824
CMYK	0.47, 0.53, 0.00, 0.68
HSL	247°, 36%, 23%
HSV	247°, 53%, 32%
XYZ	3.1746, 2.4939, 8.0986
YIQ	44.3970, -10.8230, 14.4330

Conversions

Conversions Part 2

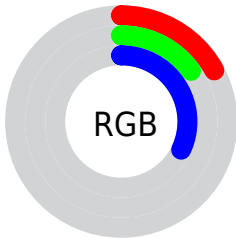
Format	Color
RYB	43, 38, 81
Decimal	2827857
CIELab	17.89, 14.94, -25.68
CIELCh	18, 29.707, 300.193
Yxy	2.4939, 0.2306, 0.1811
Android (android.graphics.Color)	4281017937 (0xFF2B2651)
YUV	44.3970, 18.0453, -1.2252
Hunter-Lab	15.7921, 8.2465, -19.3512

Details

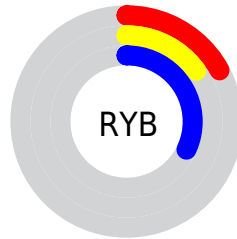
The Hex color **2B2651** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4C5126**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **5B5383**, and **000024** is the 20% darker color. If you saturate the color by 10%, you get **241E51**, and if you desaturate by 10%, it is **322E51**.

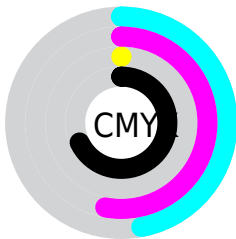
Distribution



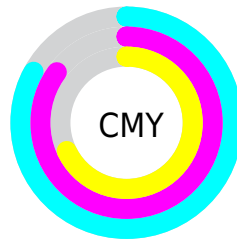
- Red (17%)
- Green (15%)
- Blue (32%)



- Red (17%)
- Yellow (15%)
- Blue (32%)



- Cyan (47%)
- Magenta (53%)
- Yellow (0%)
- Black (68%)



- Cyan (83%)
- Magenta (85%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B2651 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 2B2651 by changing the saturation by 10% instead.

■ 2B2651

■ 2B2651

FFFFFF

■ 13123A

■ 5B5383

■ 000024

■ 746B9D

■ 00000C

■ 8F84B8

■ 000000

■ A99ED4

■ C5B9F0

■ E1D5FF

■ FEF1FF

■ 2B2651

■ 2B2651

■ 241E51

■ 322E51

■ 1D1651

■ 393651

■ 160E51

■ 403E51

■ 0E0651

■ 484651

■ 090051

■ 4F4E51

■ 565751

■ 5D5F51

■ 646751

■ 6B6F51

Harmonies

Analogous

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



002E57



2B2651



451C41

Triad

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



2B2651



472201



00362B

Complementary

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



2B2651



4C5126

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.



003415



2B2651



372B00

Square

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



2B2651



501918



213100



003541

Rectangle

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



2B2651



4E1734



213100



003524

Sweetspot

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



2B2651



5A5869



264D51



2D2B36



B5B5B5



363636

Same Dimension

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



2B2651



2D2669



402651



252529



0C0069



1B00E8

Inverse Universe

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



51264C



692661



375126



292528



69005C



E800CD

Previews

White Background



This preview shows how the Hex color 2B2651 looks on a white background.

Color Contrast Check

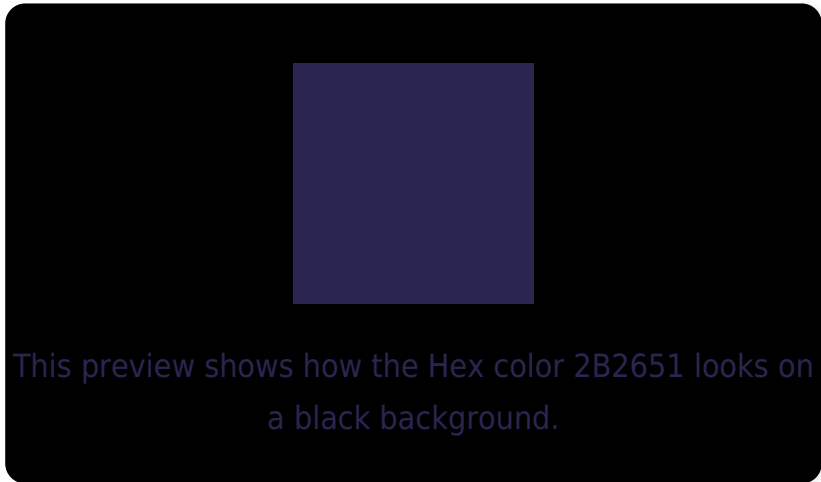
Large Text (above 18pt) WCAG AA ✓ Pass

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

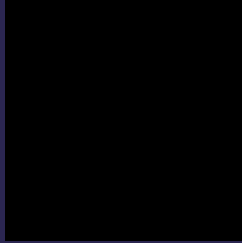
Any Text WCAG AA × Fail

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 2B2651 Background



This preview shows how black text looks on a background with the Hex color 2B2651.



This preview shows how white text looks on a background with the Hex color 2B2651.

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
2B2651

Protanopia
122B56

Deuteranopia
022D4F



Tritanopia
222E32

Trichromacy



Original Color
2B2651

Protanomaly
1B2954

Deuteranomaly
112A50

Tritanomaly
252B3D

Monochromacy



Original Color
2B2651

Achromatopsia
2C2C2C

Achromatomaly
2C2A39

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B2651 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 #2B2651 looks like.

```
.text, #text, p{  
    color:#2B2651  
}
```

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 #2B2651 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B2651
}
```

Border

The CSS property to change the border of an element to Hex 2B2651 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".

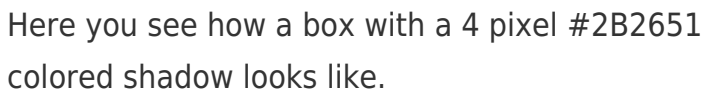
```
.border, #border, table{ border:4px solid
#2B2651 }
```

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

```
.border{ border-color:#2B2651 }
```

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

Here you see how a box with a 4 pixel #2B2651 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B2651; -webkit-box-shadow:4px 4px  
4px 4px #2B2651; box-shadow:4px 4px 4px  
4px #2B2651 }
```

Background

The CSS property to change the background color of an element to Hex 2B2651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B2651 }
```

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

```
.background{ background-color:#2B2651 }
```

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