

Converting Colors

Hex(2B2D67)

Have a look what the booklet for
Hex(2B2D67) contains.

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Color

Hex(2B2D67)

Conversions

Conversions Part 1

Format	Color
Hex	2B2D67
RGB	43, 45, 103
RGB Percent	17%, 18%, 40%
CMY	0.8314, 0.8235, 0.5961
CMYK	0.58, 0.56, 0.00, 0.60
HSL	238°, 41%, 29%
HSV	238°, 58%, 40%
XYZ	4.3828, 3.3696, 13.2514
YIQ	51.0140, -19.8100, 17.6140

Conversions

Conversions Part 2

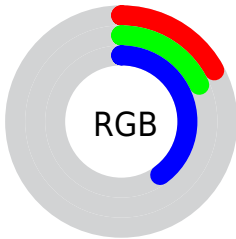
Format	Color
R_{YB}	43, 45, 103
Decimal	2829671
CIE Lab	21.47, 17.80, -34.51
CIE LCh	21, 38.834, 297.283
Yxy	3.3696, 0.2087, 0.1604
Android (android.graphics.Color)	4281019751 (0xFF2B2D67)
YUV	51.0140, 25.6291, -7.0283
Hunter-Lab	18.3566, 10.4948, -29.9511

Details

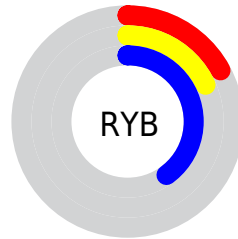
The Hex color **2B2D67** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **67652B**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **5E5B9B**, and **000037** is the 20% darker color. If you saturate the color by 10%, you get **212367**, and if you desaturate by 10%, it is **353767**.

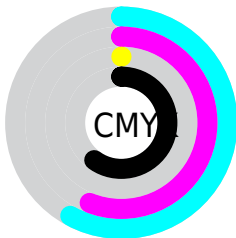
Distribution



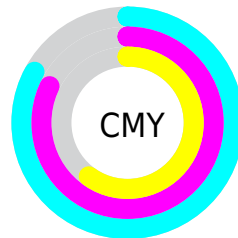
- Red (17%)
- Green (18%)
- Blue (40%)



- Red (17%)
- Yellow (18%)
- Blue (40%)



- Cyan (58%)
- Magenta (56%)
- Yellow (0%)
- Black (60%)



- Cyan (83%)
- Magenta (82%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B2D67 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 2B2D67 by changing the saturation by 10% instead.

■ 2B2D67

■ 2B2D67

FFFFFF

■ 0F184F

■ 5E5B9B

■ 000037

■ 7873B6

■ 000221

■ 938DD1

■ 000006

■ AEA7EE

■ 000000

■ CAC2FF

■ E7DEFF

■ FFFBFF

■ 2B2D67

■ 2B2D67

■ 212367

■ 353767

■ 161967

■ 404167

■ 0C0F67

■ 4A4B67

■ 020567

■ 545567

■ 000367

■ 5F5F67

■ 696967

■ 737367

■ 7D7D67

■ 888767

Harmonies

Analogous

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



00386D



2B2D67



531E53

Triad

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



2B2D67



572500



004030

Complementary

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



2B2D67



67652B

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.



003E12



2B2D67



433100

Square

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



2B2D67



64171B



273900



00404D

Rectangle

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



2B2D67



601441



273900



003F26

Sweetspot

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



2B2D67



707187



2B6765



373845



C4C4C4



454545

Same Dimension

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



2B2D67



292C87



472B67



2E2E33



000473



0008F2

Inverse Universe

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



672B2D



87292C



4B672B



332E2E



730004



F20008

Previews

White Background



This preview shows how the Hex color 2B2D67 looks on a white background.

Color Contrast Check

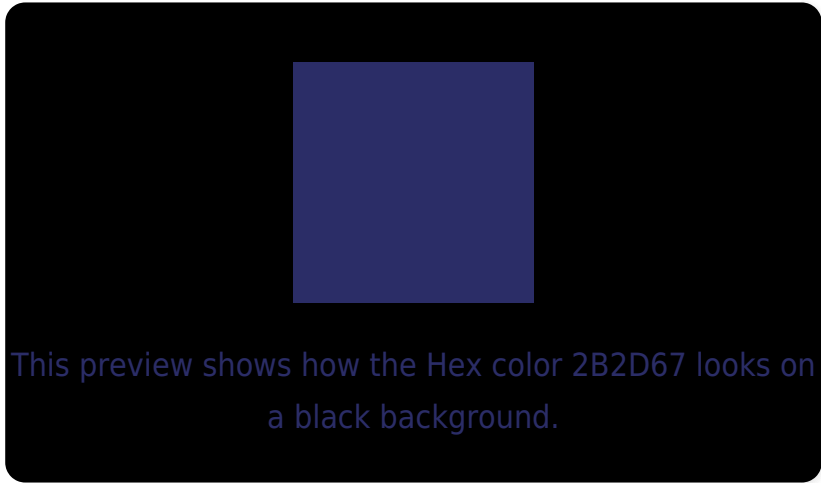
Large Text (above 18pt) WCAG AA ✓ Pass

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

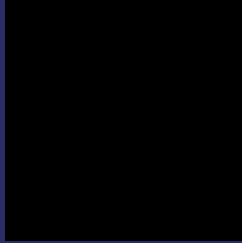
Any Text WCAG AA × Fail

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 2B2D67 Background



This preview shows how black text looks on a background with the Hex color 2B2D67.



This preview shows how white text looks on a background with the Hex color 2B2D67.

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](#).

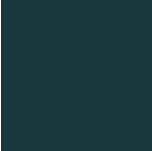
Dichromacy



Original Color
2B2D67

Protanopia
00326A

Deuteranopia
00355C



Tritanopia
19383D

Trichromacy



Original Color
2B2D67

Protanomaly
103069

Deuteranomaly
103260

Tritanomaly
20344C

Monochromacy



Original Color
2B2D67

Achromatopsia
333333

Achromatomaly
303146

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B2D67 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 #2B2D67 looks like.

```
.text, #text, p{  
    color:#2B2D67  
}
```

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 #2B2D67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B2D67
}
```

Border

The CSS property to change the border of an element to Hex 2B2D67 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
#2B2D67 }
```

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

```
.border{ border-color:#2B2D67 }
```

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

Here you see how a box with a 4 pixel #2B2D67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B2D67; -webkit-box-shadow:4px 4px  
4px 4px #2B2D67; box-shadow:4px 4px 4px  
4px #2B2D67 }
```

Background

The CSS property to change the background color of an element to Hex 2B2D67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B2D67 }
```

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

```
.background{ background-color:#2B2D67 }
```

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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