

Converting Colors

Hex(2B2D6E)

Have a look what the booklet for
Hex(2B2D6E) contains.

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Color

Hex(2B2D6E)

Conversions

Conversions Part 1

Format	Color
Hex	2B2D6E
RGB	43, 45, 110
RGB Percent	17%, 18%, 43%
CMY	0.8314, 0.8235, 0.5686
CMYK	0.61, 0.59, 0.00, 0.57
HSL	238°, 44%, 30%
HSV	238°, 61%, 43%
XYZ	4.7491, 3.5162, 15.1802
YIQ	51.8120, -22.0570, 19.7910

Conversions

Conversions Part 2

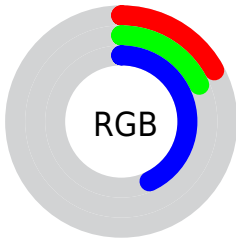
Format	Color
R_{YB}	43, 45, 110
Decimal	2829678
CIE _{Lab}	22.00, 20.36, -38.18
CIE _{LCh}	22, 43.271, 298.061
Yxy	3.5162, 0.2026, 0.1500
Android (android.graphics.Color)	4281019758 (0xFF2B2D6E)
YUV	51.8120, 28.6867, -7.7281
Hunter-Lab	18.7514, 12.3933, -34.8723

Details

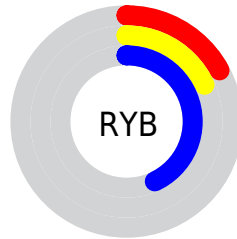
The Hex color **2B2D6E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6E6C2B**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **605BA2**, and **00003E** is the 20% darker color. If you saturate the color by 10%, you get **20226E**, and if you desaturate by 10%, it is **36386E**.

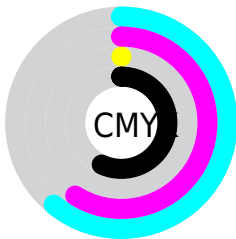
Distribution



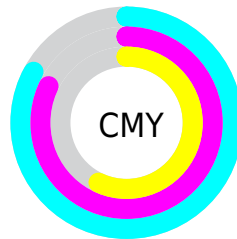
- Red (17%)
- Green (18%)
- Blue (43%)



- Red (17%)
- Yellow (18%)
- Blue (43%)



- Cyan (61%)
- Magenta (59%)
- Yellow (0%)
- Black (57%)



- Cyan (83%)
- Magenta (82%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B2D6E 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 2B2D6E by changing the saturation by 10% instead.

■ 2B2D6E

■ 2B2D6E

FFFFFF

■ 0C1855

■ 605BA2

■ 00003E

■ 7A73BE

■ 000327

■ 958DDA

■ 000110

■ B1A7F6

■ 000000

■ CDC2FF

■ EADEFF

■ FFFBFF

■ 2B2D6E

■ 2B2D6E

■ 20226E

■ 36386E

■ 15186E

■ 41426E

■ 0A0D6E

■ 4C4D6E

■ 00036E

■ 57586E

■ 62626E

■ 6D6D6E

■ 78786E

■ 83826E

■ 8E8D6E

Harmonies

Analogous

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



003A76



2B2D6E



581A57

Triad

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



2B2D6E



5C2400



004232

Complementary

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



2B2D6E



6E6C2B

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.



00400F



2B2D6E



443300

Square

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



2B2D6E



6A1119



253B00



004252

Rectangle

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



2B2D6E



660C43



253B00



004226

Sweetspot

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



2B2D6E



75768F



2B6E6C



383847



C7C7C7



474747

Same Dimension

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



2B2D6E



272A8F



4A2B6E



323338



000478



0007F7

Inverse Universe

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



6E2B2D



8F272A



4F6E2B



383233



780004



F70007

Previews

White Background



This preview shows how the Hex color 2B2D6E looks on a white background.

Color Contrast Check

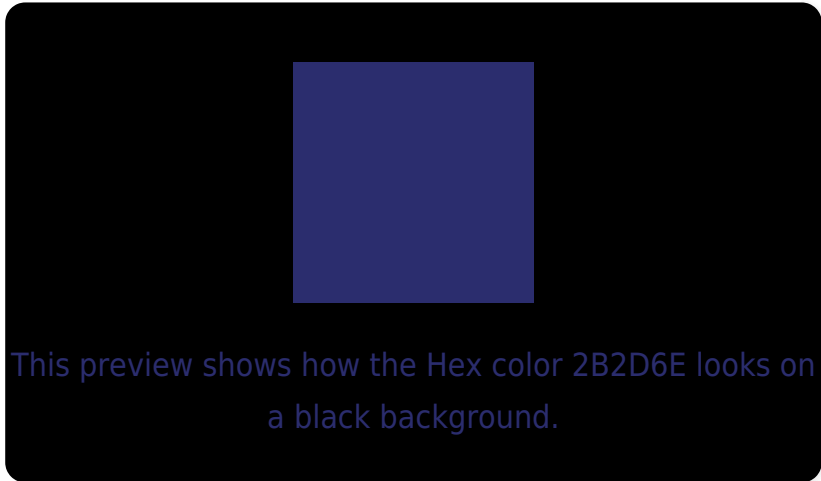
Large Text (above 18pt) WCAG AA ✓ Pass

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

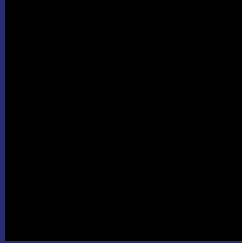
Any Text WCAG AA × Fail

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 2B2D6E Background



This preview shows how black text looks on a background with the Hex color 2B2D6E.



This preview shows how white text looks on a background with the Hex color 2B2D6E.

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
2B2D6E

Deuteranopia
00665D

Tritanopia
143A3F

Trichromacy



Original Color
2B2D6E

Deuteranomaly
103363

Tritanomaly
1C3550

Monochromacy



Original Color
2B2D6E

Achromatopsia
343434

Achromatomaly
313149

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B2D6E 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 #2B2D6E looks like.

```
.text, #text, p{  
    color:#2B2D6E  
}
```

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 #2B2D6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B2D6E
}
```

Border

The CSS property to change the border of an element to Hex 2B2D6E 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".

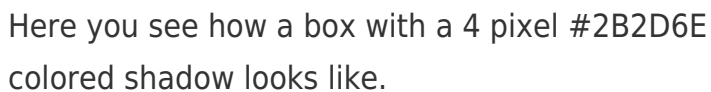
```
.border, #border, table{ border:4px solid
#2B2D6E }
```

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

```
.border{ border-color:#2B2D6E }
```

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

Here you see how a box with a 4 pixel #2B2D6E colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B2D6E; -webkit-box-shadow:4px 4px  
4px 4px #2B2D6E; box-shadow:4px 4px 4px  
4px #2B2D6E }
```

Background

The CSS property to change the background color of an element to Hex 2B2D6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B2D6E }
```

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

```
.background{ background-color:#2B2D6E }
```

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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