

Converting Colors

Hex(2A2E49)

Have a look what the booklet for
Hex(2A2E49) contains.

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Color

Hex(2A2E49)

Conversions

Conversions Part 1

Format	Color
Hex	2A2E49
RGB	42, 46, 73
RGB Percent	16%, 18%, 29%
CMY	0.8353, 0.8196, 0.7137
CMYK	0.42, 0.37, 0.00, 0.71
HSL	232°, 27%, 23%
HSV	232°, 42%, 29%
XYZ	3.1344, 2.9273, 6.7031
YIQ	47.8820, -11.0510, 7.5490

Conversions

Conversions Part 2

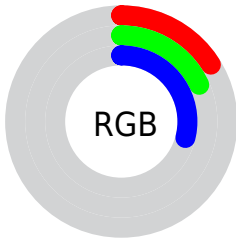
Format	Color
R_{YB}	42, 46, 73
Decimal	2764361
CIE _{Lab}	19.75, 6.24, -17.33
CIE _{LCh}	20, 18.424, 289.813
Yxy	2.9273, 0.2456, 0.2293
Android (android.graphics.Color)	4280954441 (0xFF2A2E49)
YUV	47.8820, 12.3832, -5.1585
Hunter-Lab	17.1093, 2.7602, -11.2524

Details

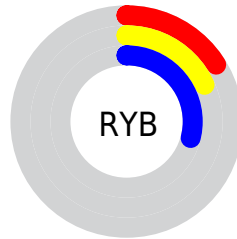
The Hex color **2A2E49** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **49452A**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **595C7A**, and **00001E** is the 20% darker color. If you saturate the color by 10%, you get **232849**, and if you desaturate by 10%, it is **313449**.

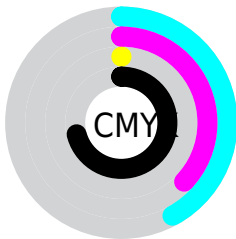
Distribution



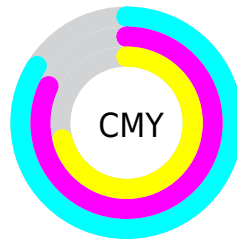
- Red (16%)
- Green (18%)
- Blue (29%)



- Red (16%)
- Yellow (18%)
- Blue (29%)



- Cyan (42%)
- Magenta (37%)
- Yellow (0%)
- Black (71%)



- Cyan (84%)
- Magenta (82%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A2E49 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 2A2E49 by changing the saturation by 10% instead.

■ 2A2E49

■ 2A2E49

FFFFFF

■ 141932

■ 595C7A

■ 00001E

■ 727494

■ 000000

■ 8B8EAE

■ A6A8CA

■ C1C3E6

■ DDDFFF

■ FAFcff

■ 2A2E49

■ 2A2E49

■ 232849

■ 313449

■ 1B2149

■ 393B49

■ 141B49

■ 404149

■ 0D1549

■ 474749

■ 050E49

■ 4F4E49

■ 000949

■ 565449

■ 5D5B49

■ 646149

■ 6C6749

Harmonies

Analogous

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



10324A



2A2E49



3C2941

Triad

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



2A2E49



46291C



0B362B

Complementary

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



2A2E49



49452A

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.



20351E



2A2E49



3C2D15

Square

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



2A2E49



4A2527



2F3216



003738

Rectangle

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



2A2E49



442639



2F3216



133626

Sweetspot

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



2A2E49



52545E



2A4945



292A30



B0B0B0



303030

Same Dimension

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



2A2E49



2E345E



352A49



202124



000D63



001DE3

Inverse Universe

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



492A2E



5E2E34



3E492A



242021



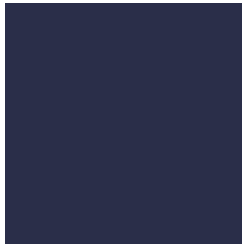
63000D



E3001D

Previews

White Background



This preview shows how the Hex color 2A2E49 looks on a white background.

Color Contrast Check

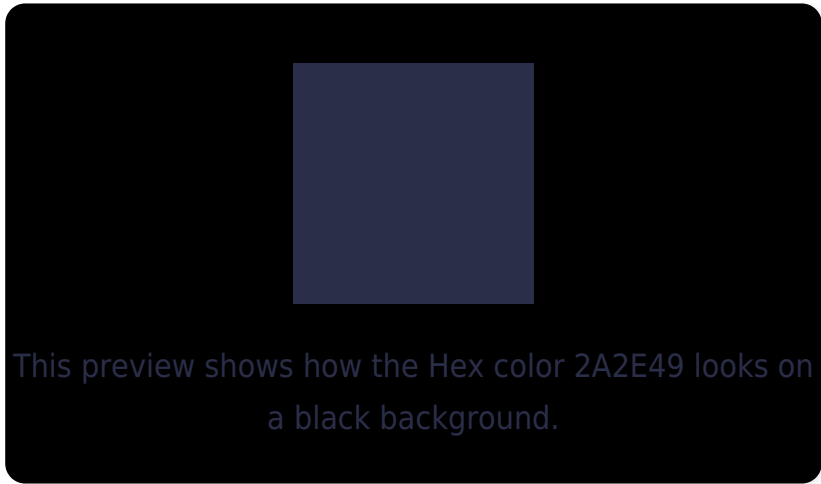
Large Text (above 18pt) WCAG AA ✓ Pass

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

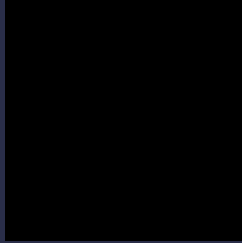
Any Text WCAG AA × Fail

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 2A2E49 Background



This preview shows how black text looks on a background with the Hex color 2A2E49.

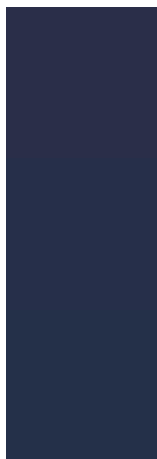


This preview shows how white text looks on a background with the Hex color 2A2E49.

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

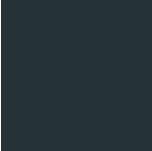
2A2E49

Protanopia

262F4A

Deuteranopia

243049



Tritanopia
253236

Trichromacy



Original Color
2A2E49

Protanomaly
272F4A

Deuteranomaly
262F49

Tritanomaly
27313D

Monochromacy



Original Color
2A2E49

Achromatopsia
303030

Achromatomaly
2E2F39

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A2E49 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 #2A2E49 looks like.

```
.text, #text, p{  
    color:#2A2E49  
}
```

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 #2A2E49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A2E49
}
```

Border

The CSS property to change the border of an element to Hex 2A2E49 is called "border". The border property can be set on classes, ids or directly on the HTML element.

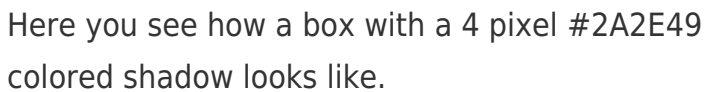
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A2E49 }
```

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

```
.border{ border-color:#2A2E49 }
```

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



Here you see how a box with a 4 pixel #2A2E49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A2E49; -webkit-box-shadow:4px 4px  
4px 4px #2A2E49; box-shadow:4px 4px 4px  
4px #2A2E49 }
```

Background

The CSS property to change the background color of an element to Hex 2A2E49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A2E49 }
```

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

```
.background{ background-color:#2A2E49 }
```

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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