

Converting Colors

Hex(2A2A43)

Have a look what the booklet for
Hex(2A2A43) contains.

Hex(2A2A43)	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(2A2A43)

Conversions

Conversions Part 1

Format	Color
Hex	2A2A43
RGB	42, 42, 67
RGB Percent	16%, 16%, 26%
CMY	0.8353, 0.8353, 0.7373
CMYK	0.37, 0.37, 0.00, 0.74
HSL	240°, 23%, 21%
HSV	240°, 37%, 26%
XYZ	2.7959, 2.5534, 5.6557
YIQ	44.8500, -8.0250, 7.7750

Conversions

Conversions Part 2

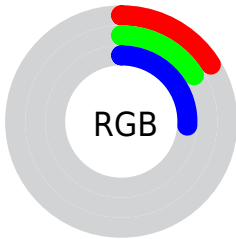
Format	Color
RYB	42, 42, 67
Decimal	2763331
CIELab	18.16, 7.11, -15.73
CIElCh	18, 17.262, 294.332
Yxy	2.5534, 0.2541, 0.2320
Android (android.graphics.Color)	4280953411 (0xFF2A2A43)
YUV	44.8500, 10.9200, -2.4995
Hunter-Lab	15.9794, 3.2683, -9.7993

Details

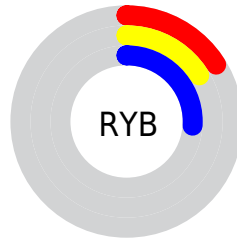
The Hex color **2A2A43** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **43432A**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **585773**, and **000118** is the 20% darker color. If you saturate the color by 10%, you get **232343**, and if you desaturate by 10%, it is **313143**.

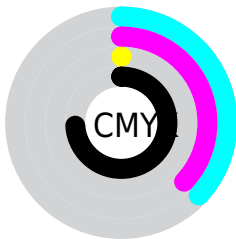
Distribution



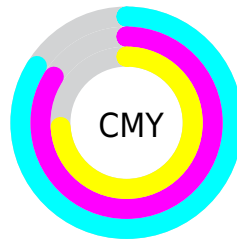
- Red (16%)
- Green (16%)
- Blue (26%)



- Red (16%)
- Yellow (16%)
- Blue (26%)



- Cyan (37%)
- Magenta (37%)
- Yellow (0%)
- Black (74%)



- Cyan (84%)
- Magenta (84%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A2A43 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 2A2A43 by changing the saturation by 10% instead.

■ 2A2A43

■ 2A2A43

FFFFFF

■ 14162D

■ 585773

■ 000118

■ 71708D

■ 000000

■ 8B89A7

■ A5A3C2

■ C0BEDE

■ DCDAFB

■ F9F6FF

■ 2A2A43

■ 2A2A43

■ 232343

■ 313143

■ 1D1D43

■ 373743

■ 161643

■ 3E3E43

■ 0F0F43

■ 454543

■ 090943

■ 4C4C43

■ 020243

■ 525243

■ 000043

■ 595943

■ 606043

■ 666643

Harmonies

Analogous

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



142E45



2A2A43



3A253B

Triad

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



2A2A43



402619



073329

Complementary

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



2A2A43



43432A

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.



1B311D



2A2A43



362B13

Square

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



2A2A43



442323



2A2F15



003336

Rectangle

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



2A2A43



402333



2A2F15



0F3225

Sweetspot

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



2A2A43



4D4D57



2A4343



26262B



ABABAB



2B2B2B

Same Dimension

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



2A2A43



303057



372A43



1E1E21



000061



0000E0

Inverse Universe

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



432A43



573057



37432A



211E21



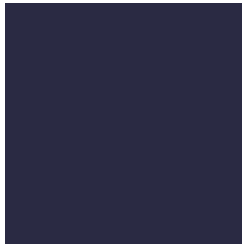
610061



E000E0

Previews

White Background



This preview shows how the Hex color 2A2A43 looks on a white background.

Color Contrast Check

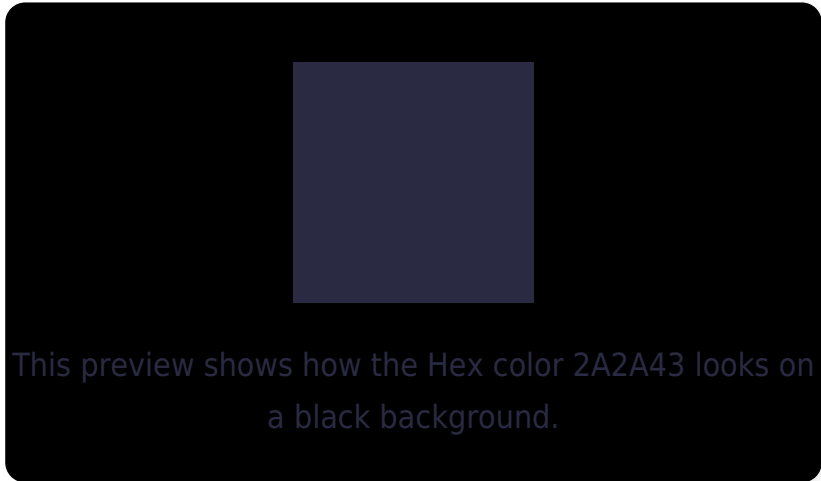
Large Text (above 18pt) WCAG AA ✓ Pass

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

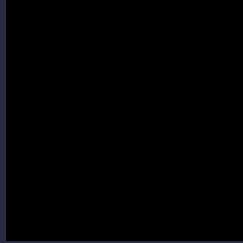
Any Text WCAG AA × Fail

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 2A2A43 Background



This preview shows how black text looks on a background with the Hex color 2A2A43.



This preview shows how white text looks on a background with the Hex color 2A2A43.

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

2A2A43

Protanopia

232C44

Deuteranopia

222C43



Tritanopia
262E31

Trichromacy



Original Color
2A2A43

Protanomaly
262B44

Deuteranomaly
252B43

Tritanomaly
272D38

Monochromacy



Original Color
2A2A43

Achromatopsia
2D2D2D

Achromatomaly
2C2C35

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A2A43 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 #2A2A43 looks like.

```
.text, #text, p{  
    color:#2A2A43  
}
```

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 #2A2A43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A2A43  
}
```

Border

The CSS property to change the border of an element to Hex 2A2A43 is called "border". The border property can be set on classes, ids or directly on the HTML element.

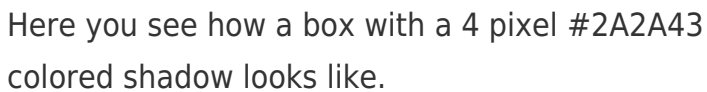
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#2A2A43 }
```

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

```
.border{ border-color:#2A2A43 }
```

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



Here you see how a box with a 4 pixel #2A2A43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A2A43; -webkit-box-shadow:4px 4px  
4px 4px #2A2A43; box-shadow:4px 4px 4px  
4px #2A2A43 }
```

Background

The CSS property to change the background color of an element to Hex 2A2A43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A2A43 }
```

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

```
.background{ background-color:#2A2A43 }
```

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