

Converting Colors

Hex(42343A)

Have a look what the booklet for
Hex(42343A) contains.

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Color

Hex(42343A)

Conversions

Conversions Part 1

Format	Color
Hex	42343A
RGB	66, 52, 58
RGB Percent	26%, 20%, 23%
CMY	0.7412, 0.7961, 0.7725
CMYK	0.00, 0.21, 0.12, 0.74
HSL	334°, 12%, 23%
HSV	334°, 21%, 26%
XYZ	4.2385, 3.9197, 4.5362
YIQ	56.8700, 6.4180, 4.8340

Conversions

Conversions Part 2

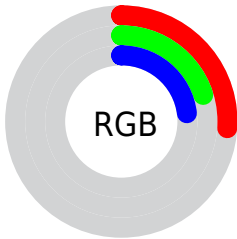
Format	Color
R_{YB}	66, 52, 58
Decimal	4338746
CIE Lab	23.40, 7.46, -1.39
CIE LCh	23, 7.591, 349.413
Yxy	3.9197, 0.3339, 0.3088
Android (android.graphics.Color)	4282528826 (0xFF42343A)
YUV	56.8700, 0.5571, 8.0070
Hunter-Lab	19.7983, 3.5668, 0.2743

Details

The Hex color **42343A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **34423C**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **726269**, and **18070F** is the 20% darker color. If you saturate the color by 10%, you get **422D36**, and if you desaturate by 10%, it is **423B3E**.

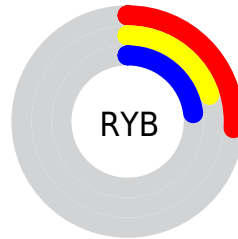
Distribution



Red (26%)

Green (20%)

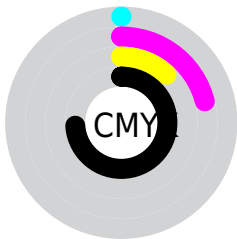
Blue (23%)



Red (26%)

Yellow (20%)

Blue (23%)

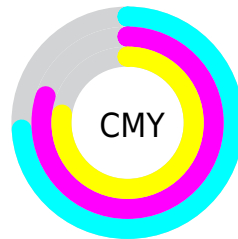


Cyan (0%)

Magenta (21%)

Yellow (12%)

Black (74%)



Cyan (74%)

Magenta (80%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42343A 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 42343A by changing the saturation by 10% instead.



42343A



42343A

FFFFFF



2C1F24



726269



18070F



8C7B82



000000



A6959C



C1B0B7



DDCBD3



FAE7EF



42343A



42343A



422D36



423B3E

■ 422732

■ 424142

■ 42202F

■ 424845

■ 421A2B

■ 424E49

■ 421327

■ 42554D

■ 420C23

■ 425C51

■ 420620

■ 426254

■ 42001C

■ 426958

■ 426F5C

Harmonies

Analogous

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



3D353F



42343A



443434

Triad

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



42343A



38392D



2A3A40

Complementary

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



42343A



34423C

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.



293B3B



42343A



323A30

Square

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



42343A



3E372D



2C3B35



2F3943

Rectangle

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



42343A



433531



2C3B35



293B3F

Sweetspot

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



42343A



575154



3C3442



2B282A



ABABAB



2B2B2B

Same Dimension

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



42343A



57414A



423534



211E1F



61002A



E00060

Inverse Universe

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



42343A



57414A



344142



211E1F



61002A



E00060

Previews

White Background



This preview shows how the Hex color 42343A looks on a white background.

Color Contrast Check

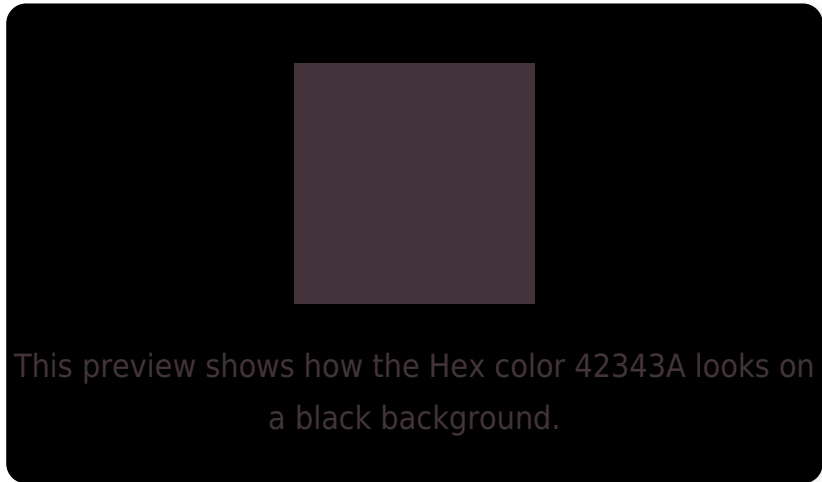
Large Text (above 18pt) WCAG AA ✓ Pass

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

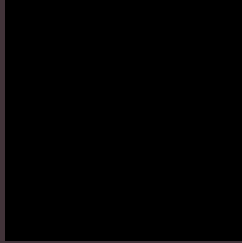
Any Text WCAG AA × Fail

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 42343A Background



This preview shows how black text looks on a background with the Hex color 42343A.



This preview shows how white text looks on a background with the Hex color 42343A.

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](#).

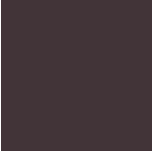
Dichromacy



Original Color
42343A

Protanopia
38383C

Deuteranopia
3D363A



Tritanopia
423438

Trichromacy



Original Color

42343A

Protanomaly

3C373B

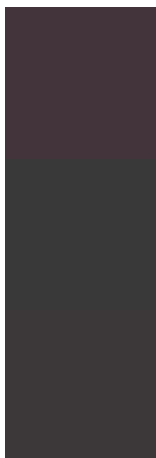
Deuteranomaly

3F353A

Tritanomaly

423439

Monochromacy



Original Color

42343A

Achromatopsia

393939

Achromatomaly

3C3739

CSS Examples

Text

The CSS property to change the color of the text to Hex 42343A 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 #42343A looks like.

```
.text, #text, p{  
    color:#42343A  
}
```

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 #42343A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42343A
}
```

Border

The CSS property to change the border of an element to Hex 42343A is called "border". The border property can be set on classes, ids or directly on the HTML element.

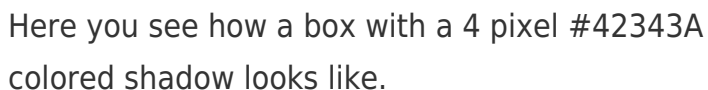
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42343A }
```

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

```
.border{ border-color:#42343A }
```

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



Here you see how a box with a 4 pixel #42343A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42343A; -webkit-box-shadow:4px 4px  
4px 4px #42343A; box-shadow:4px 4px 4px  
4px #42343A }
```

Background

The CSS property to change the background color of an element to Hex 42343A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42343A }
```

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

```
.background{ background-color:#42343A }
```

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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