

Converting Colors

Hex(42363A)

Have a look what the booklet for
Hex(42363A) contains.

Hex(42363A)	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(42363A)

Conversions

Conversions Part 1

Format	Color
Hex	42363A
RGB	66, 54, 58
RGB Percent	26%, 21%, 23%
CMY	0.7412, 0.7882, 0.7725
CMYK	0.00, 0.18, 0.12, 0.74
HSL	340°, 10%, 24%
HSV	340°, 18%, 26%
XYZ	4.3297, 4.1021, 4.5666
YIQ	58.0440, 5.8680, 3.7880

Conversions

Conversions Part 2

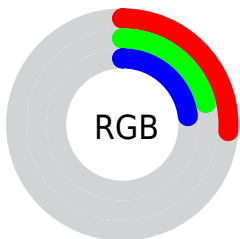
Format	Color
RYB	66, 54, 58
Decimal	4339258
CIELab	24.01, 6.13, -0.51
CIELCh	24, 6.151, 355.230
Yxy	4.1021, 0.3331, 0.3156
Android (android.graphics.Color)	4282529338 (0xFF42363A)
YUV	58.0440, -0.0217, 6.9774
Hunter-Lab	20.2536, 2.7146, 0.8094

Details


The Hex color **42363A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **36423E**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **726569**, and **180A0F** is the 20% darker color. If you saturate the color by 10%, you get **422F36**, and if you desaturate by 10%, it is **423D3E**.

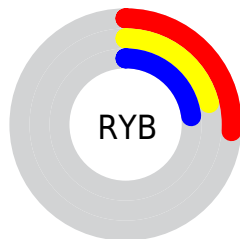
Distribution



 Red (26%)

 Green (21%)

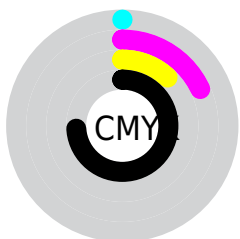
 Blue (23%)




 Red (26%)

 Yellow (21%)

 Blue (23%)

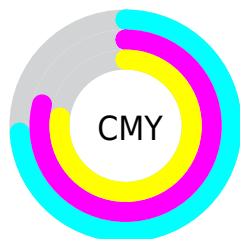



 Cyan (0%)


 Magenta (18%)

 Yellow (12%)

 Black (74%)



 Cyan (74%)

 Magenta (79%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42363A 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 42363A by changing the saturation by 10% instead.



42363A



42363A

FFFFFF



2C2124



726569



180A0F



8C7E82



000000



A6989C



C1B2B7



DDCED3



FAEAEF



42363A



42363A



422F36



423D3E

■ 422931

■ 424343

■ 42222D

■ 424A47

■ 421C28

■ 42504C

■ 421524

■ 425750

■ 420E20

■ 425E54

■ 42081B

■ 426459

■ 420117

■ 426B5D

■ 420016

■ 427162

Harmonies

Analogous

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



3E373E



42363A



433635

Triad

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



42363A



393A31



2F3B40

Complementary

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



42363A



36423E

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.



2D3C3D



42363A



333B34

Square

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



42363A



3E3930



2F3C38



333A42

Rectangle

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



42363A



423733



2F3C38



2E3B3F

Sweetspot

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



42363A



575254



3E3642



2B292A



ABABAB



2B2B2B

Same Dimension

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



42363A



57444A



423836



211E1F



610020



E0004B

Inverse Universe

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



42363A



57444A



364042



211E1F



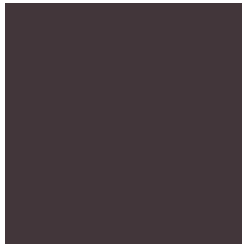
610020



E0004B

Previews

White Background



This preview shows how the Hex color 42363A looks on a white background.

Color Contrast Check

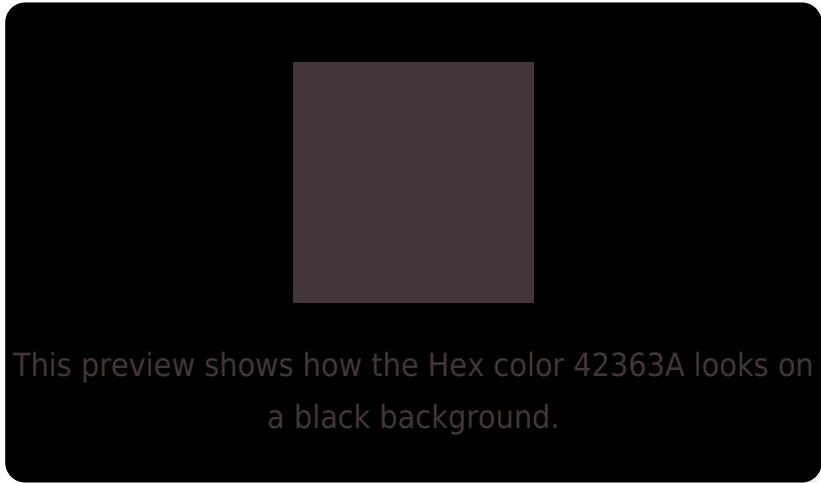
Large Text (above 18pt) WCAG AA ✓ Pass

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

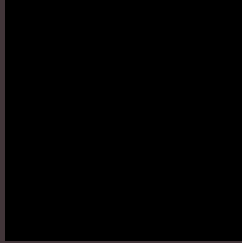
Any Text WCAG AA × Fail

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 42363A Background



This preview shows how black text looks on a background with the Hex color 42363A.

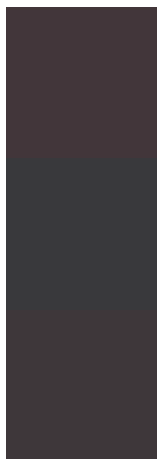


This preview shows how white text looks on a background with the Hex color 42363A.

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](#).

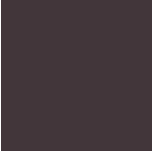
Dichromacy



Original Color
42363A

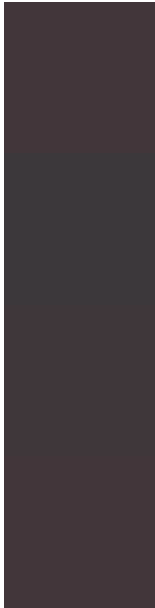
Protanopia
39393C

Deuteranopia
3E373A



Tritanopia
42363A

Trichromacy



Original Color

42363A

Protanomaly

3C383B

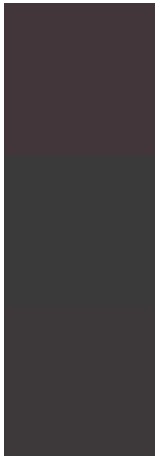
Deuteranomaly

3F373A

Tritanomaly

42363A

Monochromacy



Original Color

42363A

Achromatopsia

3A3A3A

Achromatomaly

3D393A

CSS Examples

Text

The CSS property to change the color of the text to Hex 42363A 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 #42363A looks like.

```
.text, #text, p{  
    color:#42363A  
}
```

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 #42363A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42363A
}
```

Border

The CSS property to change the border of an element to Hex 42363A is called "border". The border property can be set on classes, ids or directly on the HTML element.

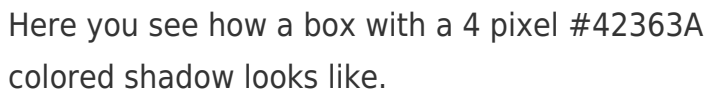
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42363A }
```

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

```
.border{ border-color:#42363A }
```

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

A rectangular box with a dark blue shadow. The box is white with a thin black border. The shadow is a dark blue color, matching the #42363A color mentioned in the text. The shadow is applied to the bottom and right sides of the box, creating a 3D effect.

Here you see how a box with a 4 pixel #42363A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42363A; -webkit-box-shadow:4px 4px  
4px 4px #42363A; box-shadow:4px 4px 4px  
4px #42363A }
```

Background

The CSS property to change the background color of an element to Hex 42363A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42363A }
```

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

```
.background{ background-color:#42363A }
```

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