

Converting Colors

Hex(42353C)

Have a look what the booklet for
Hex(42353C) contains.

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Color

Hex(42353C)

Conversions

Conversions Part 1

Format	Color
Hex	42353C
RGB	66, 53, 60
RGB Percent	26%, 21%, 24%
CMY	0.7412, 0.7922, 0.7647
CMYK	0.00, 0.20, 0.09, 0.74
HSL	328°, 11%, 23%
HSV	328°, 20%, 26%
XYZ	4.3355, 4.0307, 4.8245
YIQ	57.6850, 5.5010, 4.9330

Conversions

Conversions Part 2

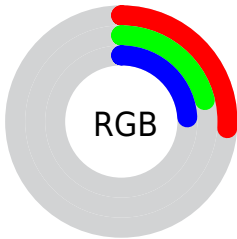
Format	Color
RYB	66, 53, 60
Decimal	4339004
CIELab	23.77, 7.22, -2.20
CIELCh	24, 7.543, 343.058
Yxy	4.0307, 0.3287, 0.3056
Android (android.graphics.Color)	4282529084 (0xFF42353C)
YUV	57.6850, 1.1413, 7.2923
Hunter-Lab	20.0766, 3.4125, -0.1939

Details

The Hex color **42353C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **35423B**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **72646B**, and **180812** is the 20% darker color. If you saturate the color by 10%, you get **422E39**, and if you desaturate by 10%, it is **423C3F**.

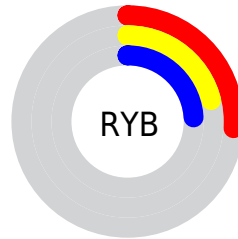
Distribution



 Red (26%)

 Green (21%)

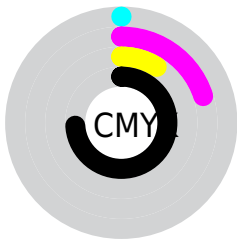
 Blue (24%)



 Red (26%)

 Yellow (21%)

 Blue (24%)

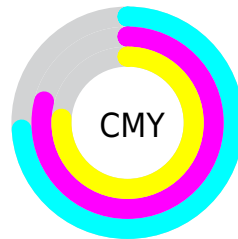


 Cyan (0%)

 Magenta (20%)

 Yellow (9%)

 Black (74%)



 Cyan (74%)

 Magenta (79%)

 Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42353C 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 42353C by changing the saturation by 10% instead.



42353C



42353C

FFFFFF



2C2026



72646B



180812



8C7D84



000000



A6969F



C1B1B9



DDCDD5



FAE9F1



42353C



42353C



422E39



423C3F

■ 422836

■ 424242

■ 422133

■ 424945

■ 421B30

■ 424F48

■ 42142D

■ 42564B

■ 420D2A

■ 425D4E

■ 420727

■ 426351

■ 420024

■ 426A54

■ 427057

Harmonies

Analogous

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



3D3641



42353C



443536

Triad

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



42353C



3A392E



2A3B40

Complementary

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



42353C



35423B

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.



2A3C3B



42353C



343B30

Square

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



42353C



40372E



2E3C35



2F3A43

Rectangle

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



42353C



443533



2E3C35



2A3C3E

Sweetspot

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



42353C



575154



3B3542



2B282A



ABABAB



2B2B2B

Same Dimension

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



42353C



57424D



423536



211E20



610034



E00079

Inverse Universe

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



42353C



57424D



354241



211E20



610034



E00079

Previews

White Background



This preview shows how the Hex color 42353C looks on a white background.

Color Contrast Check

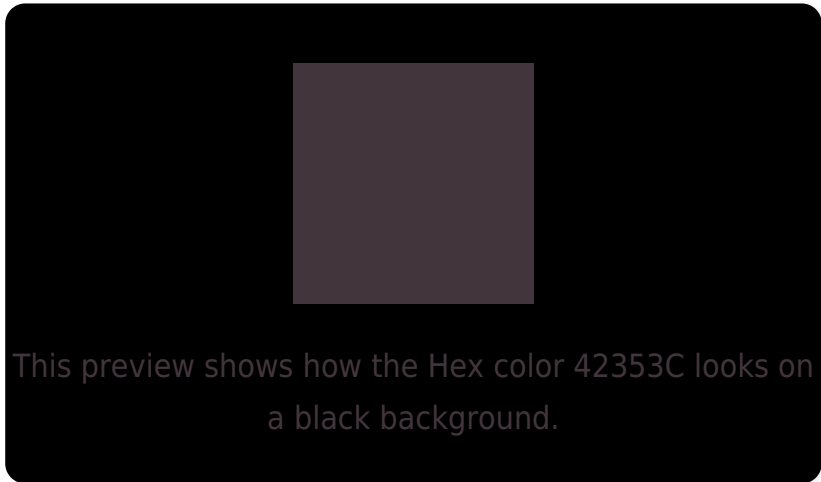
Large Text (above 18pt) WCAG AA ✓ Pass

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

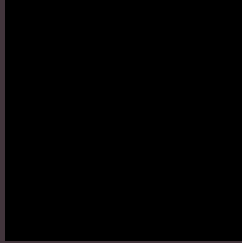
Any Text WCAG AA × Fail

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 42353C Background



This preview shows how black text looks on a background with the Hex color 42353C.

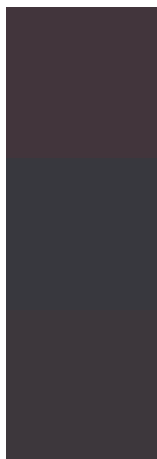


This preview shows how white text looks on a background with the Hex color 42353C.

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](#).

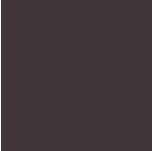
Dichromacy



Original Color
42353C

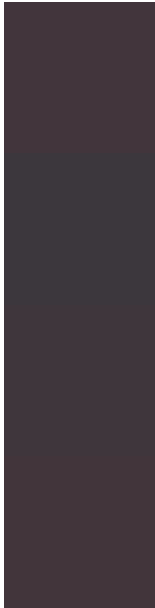
Protanopia
38383E

Deuteranopia
3D373C



Tritanopia
42353A

Trichromacy



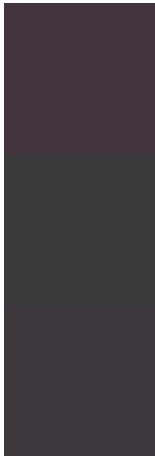
Original Color
42353C

Protanomaly
3C373D

Deuteranomaly
3F363C

Tritanomaly
42353B

Monochromacy



Original Color
42353C

Achromatopsia
3A3A3A

Achromatomaly
3D383B

CSS Examples

Text

The CSS property to change the color of the text to Hex 42353C 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 #42353C looks like.

```
.text, #text, p{  
    color:#42353C  
}
```

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 #42353C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42353C
}
```

Border

The CSS property to change the border of an element to Hex 42353C is called "border". The border property can be set on classes, ids or directly on the HTML element.

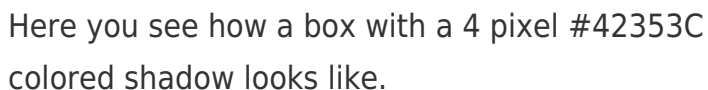
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42353C }
```

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

```
.border{ border-color:#42353C }
```

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



Here you see how a box with a 4 pixel #42353C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42353C; -webkit-box-shadow:4px 4px  
4px 4px #42353C; box-shadow:4px 4px 4px  
4px #42353C }
```

Background

The CSS property to change the background color of an element to Hex 42353C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42353C }
```

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

```
.background{ background-color:#42353C }
```

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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