

Converting Colors

Hex(42374E)

Have a look what the booklet for
Hex(42374E) contains.

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Color

Hex(42374E)

Conversions

Conversions Part 1

Format	Color
Hex	42374E
RGB	66, 55, 78
RGB Percent	26%, 22%, 31%
CMY	0.7412, 0.7843, 0.6941
CMYK	0.15, 0.29, 0.00, 0.69
HSL	269°, 17%, 26%
HSV	269°, 29%, 31%
XYZ	4.9881, 4.4407, 7.8020
YIQ	60.9110, -0.8270, 9.4850

Conversions

Conversions Part 2

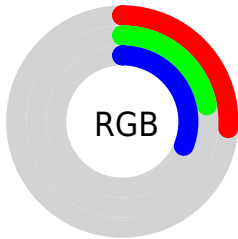
Format	Color
RYB	66, 55, 78
Decimal	4339534
CIELab	25.08, 10.14, -12.25
CIELCh	25, 15.898, 309.622
Yxy	4.4407, 0.2895, 0.2577
Android (android.graphics.Color)	4282529614 (0xFF42374E)
YUV	60.9110, 8.4249, 4.4631
Hunter-Lab	21.0729, 5.3745, -7.2003

Details

The Hex color **42374E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **434E37**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **72667F**, and **180C22** is the 20% darker color. If you saturate the color by 10%, you get **3E2F4E**, and if you desaturate by 10%, it is **463F4E**.

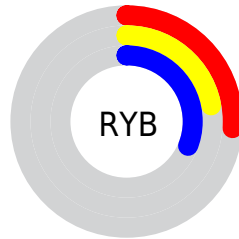
Distribution



Red (26%)

Green (22%)

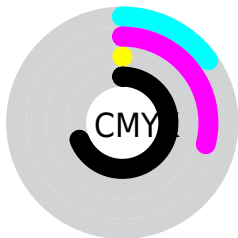
Blue (31%)



Red (26%)

Yellow (22%)

Blue (31%)

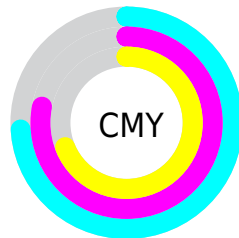


Cyan (15%)

Magenta (29%)

Yellow (0%)

Black (69%)



Cyan (74%)

Magenta (78%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42374E 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 42374E by changing the saturation by 10% instead.

■ 42374E

■ 42374E

FFFFFF

■ 2C2237

■ 72667F

■ 180C22

■ 8C7F99

■ 000009

■ A699B4

■ 000000

■ C1B4CF

■ DDCFEC

■ FAEBFF

■ 42374E

■ 42374E

■ 3E2F4E

■ 463F4E

■ 3A274E

■ 4A474E

■ 36204E

■ 4E4E4E

■ 32184E

■ 52564E

■ 2E104E

■ 565E4E

■ 2A084E

■ 5A664E

■ 26004E

■ 5E6E4E

■ 25004E

■ 63754E

■ 677D4E

Harmonies

Analogous

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



313B53



42374E



4E3344

Triad

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



42374E



4B3825



17423F

Complementary

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



42374E



434E37

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.



244133



42374E



403C24

Square

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



42374E



52342D



333F29



12414A

Rectangle

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



42374E



52323C



333F29



1B423B

Sweetspot

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



42374E



615D66



37434E



302D33



B3B3B3



333333

Same Dimension

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



42374E



534266



4D374E



242226



310066



6E00E6

Inverse Universe

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



4E3743



664255



384E37



262224



660035



E60078

Previews

White Background



This preview shows how the Hex color 42374E looks on a white background.

Color Contrast Check

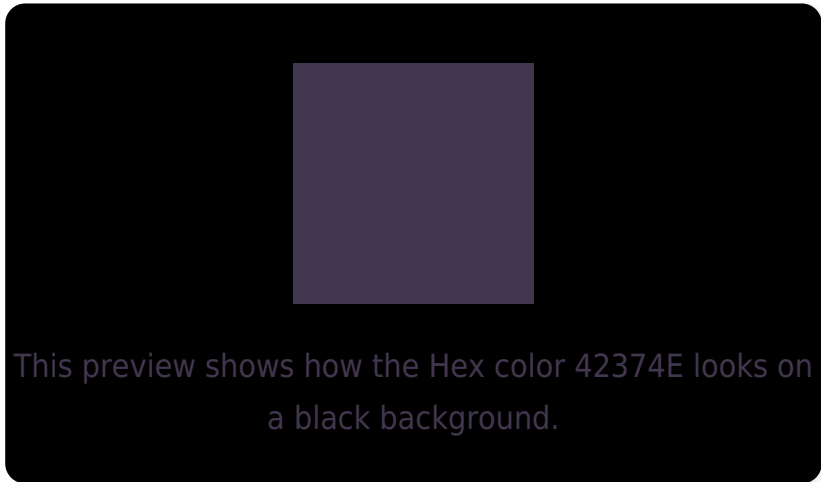
Large Text (above 18pt) WCAG AA ✓ Pass

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

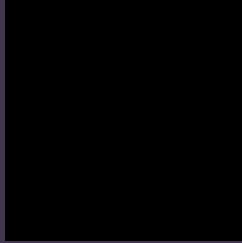
Any Text WCAG AA × Fail

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 42374E Background



This preview shows how black text looks on a background with the Hex color 42374E.



This preview shows how white text looks on a background with the Hex color 42374E.

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
42374E

Protanopia
353B51

Deuteranopia
383B4D



Tritanopia
3F3A3F

Trichromacy



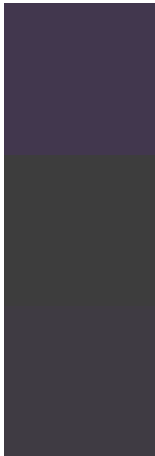
Original Color
42374E

Protanomaly
3A3A50

Deuteranomaly
3C3A4D

Tritanomaly
403944

Monochromacy



Original Color
42374E

Achromatopsia
3D3D3D

Achromatomaly
3F3B43

CSS Examples

Text

The CSS property to change the color of the text to Hex 42374E 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 #42374E looks like.

```
.text, #text, p{  
    color:#42374E  
}
```

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 #42374E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42374E
}
```

Border

The CSS property to change the border of an element to Hex 42374E is called "border". The border property can be set on classes, ids or directly on the HTML element.

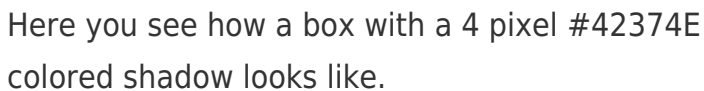
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42374E }
```

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

```
.border{ border-color:#42374E }
```

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



Here you see how a box with a 4 pixel #42374E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42374E; -webkit-box-shadow:4px 4px  
4px 4px #42374E; box-shadow:4px 4px 4px  
4px #42374E }
```

Background

The CSS property to change the background color of an element to Hex 42374E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42374E }
```

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

```
.background{ background-color:#42374E }
```

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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