

Converting Colors

Hex(42385A)

Have a look what the booklet for
Hex(42385A) contains.

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Color

Hex(42385A)

Conversions

Conversions Part 1

Format	Color
Hex	42385A
RGB	66, 56, 90
RGB Percent	26%, 22%, 35%
CMY	0.7412, 0.7804, 0.6471
CMYK	0.27, 0.38, 0.00, 0.65
HSL	258°, 23%, 29%
HSV	258°, 38%, 35%
XYZ	5.5064, 4.7248, 10.2946
YIQ	62.8660, -4.9540, 12.6940

Conversions

Conversions Part 2

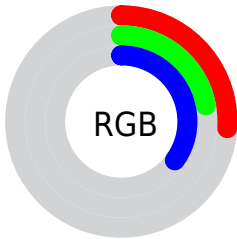
Format	Color
RYB	66, 56, 90
Decimal	4339802
CIELab	25.94, 12.71, -18.81
CIELCh	26, 22.702, 304.051
Yxy	4.7248, 0.2683, 0.2302
Android (android.graphics.Color)	4282529882 (0xFF42385A)
YUV	62.8660, 13.3771, 2.7485
Hunter-Lab	21.7366, 7.1794, -12.8646

Details

The Hex color **42385A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **505A38**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **73678C**, and **160E2C** is the 20% darker color. If you saturate the color by 10%, you get **3C2F5A**, and if you desaturate by 10%, it is **48415A**.

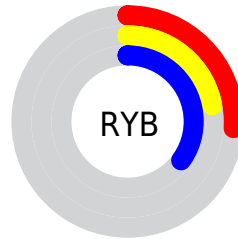
Distribution



Red (26%)

Green (22%)

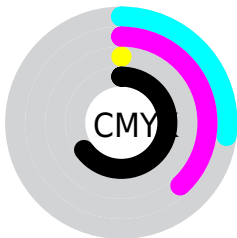
Blue (35%)



Red (26%)

Yellow (22%)

Blue (35%)

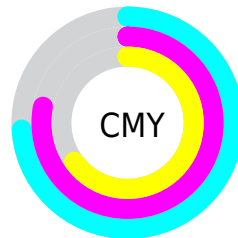


Cyan (27%)

Magenta (38%)

Yellow (0%)

Black (65%)



Cyan (74%)

Magenta (78%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42385A 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 42385A by changing the saturation by 10% instead.

■ 42385A

■ 42385A

FFFFFF

■ 2B2242

■ 73678C

■ 160E2C

■ 8C80A7

■ 000117

■ A79AC2

■ 000000

■ C2B5DE

■ DED0FA

■ FBEDFF

■ 42385A

■ 42385A

■ 3C2F5A

■ 48415A

■ 35265A

■ 4F4A5A

■ 2F1D5A

■ 55535A

■ 29145A

■ 5B5C5A

■ 220B5A

■ 62655A

■ 1C025A

■ 686E5A

■ 1A005A

■ 6E775A

■ 75805A

■ 7B895A

Harmonies

Analogous

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



253E60



42385A



55324D

Triad

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



42385A



54371F



00463F

Complementary

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



42385A



505A38

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.



1D452E



42385A



463D1A

Square

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



42385A



5D312B



344220



004650

Rectangle

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



42385A



5C3042



344220



054639

Sweetspot

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



42385A



6C6875



38505A



35333B



BABABA



3B3B3B

Same Dimension

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



42385A



504175



53385A



2B292E



20006E



4600ED

Inverse Universe

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



5A3850



754166



3F5A38



2E292D



6E004D



ED00A7

Previews

White Background



This preview shows how the Hex color 42385A looks on a white background.

Color Contrast Check

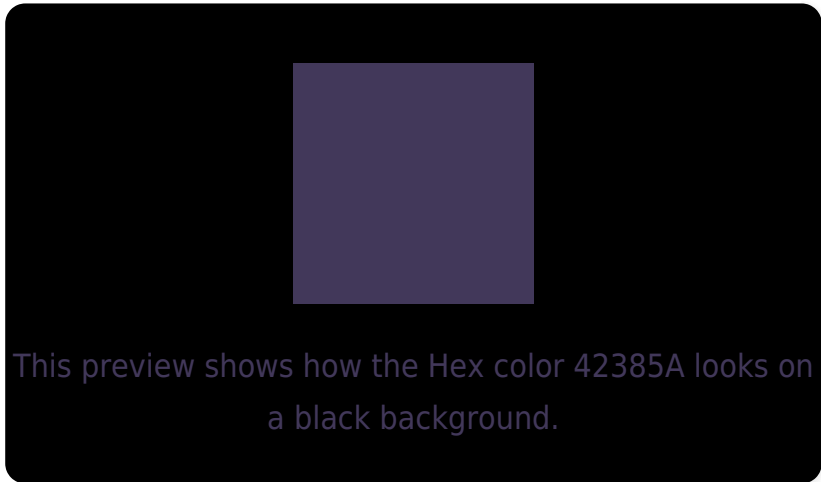
Large Text (above 18pt) WCAG AA ✓ Pass

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

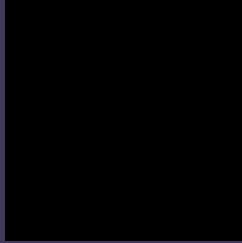
Any Text WCAG AA × Fail

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 42385A Background



This preview shows how black text looks on a background with the Hex color 42385A.



This preview shows how white text looks on a background with the Hex color 42385A.

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
42385A

Protanopia
323C5E

Deuteranopia
333D59



Tritanopia
3D3D42

Trichromacy



Original Color

42385A

Protanomaly

383B5D

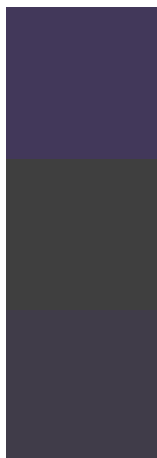
Deuteranomaly

383B59

Tritanomaly

3F3B4B

Monochromacy



Original Color

42385A

Achromatopsia

3F3F3F

Achromatomaly

403C49

CSS Examples

Text

The CSS property to change the color of the text to Hex 42385A 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 #42385A looks like.

```
.text, #text, p{  
  color:#42385A  
}
```

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 #42385A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42385A
}
```

Border

The CSS property to change the border of an element to Hex 42385A is called "border". The border property can be set on classes, ids or directly on the HTML element.

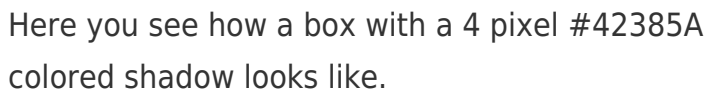
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42385A }
```

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

```
.border{ border-color:#42385A }
```

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



Here you see how a box with a 4 pixel #42385A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42385A; -webkit-box-shadow:4px 4px  
4px 4px #42385A; box-shadow:4px 4px 4px  
4px #42385A }
```

Background

The CSS property to change the background color of an element to Hex 42385A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42385A }
```

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

```
.background{ background-color:#42385A }
```

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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