

Converting Colors

Hex(425B42)

Have a look what the booklet for
Hex(425B42) contains.

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Color

Hex(425B42)

Conversions

Conversions Part 1

Format	Color
Hex	425B42
RGB	66, 91, 66
RGB Percent	26%, 36%, 26%
CMY	0.7412, 0.6431, 0.7412
CMYK	0.27, 0.00, 0.27, 0.64
HSL	120°, 16%, 31%
HSV	120°, 27%, 36%
XYZ	6.9712, 9.0338, 6.5305
YIQ	80.6750, -6.8750, -13.0750

Conversions

Conversions Part 2

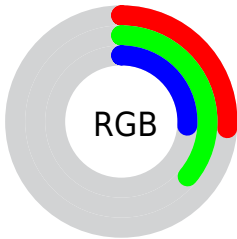
Format	Color
RYB	66, 91, 91
Decimal	4348738
CIELab	36.05, -15.05, 11.45
CIElCh	36, 18.916, 142.738
Yxy	9.0338, 0.3093, 0.4009
Android (android.graphics.Color)	4282538818 (0xFF425B42)
YUV	80.6750, -7.2348, -12.8700
Hunter-Lab	30.0562, -11.1972, 8.1570

Details

The Hex color **425B42** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5B425B**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **738D72**, and **162D17** is the 20% darker color. If you saturate the color by 10%, you get **395B39**, and if you desaturate by 10%, it is **4B5B4B**.

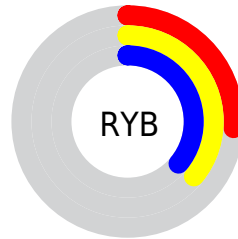
Distribution



Red (26%)

Green (36%)

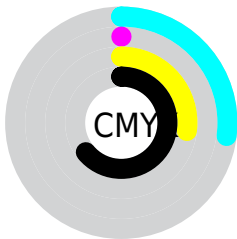
Blue (26%)



Red (26%)

Yellow (36%)

Blue (36%)

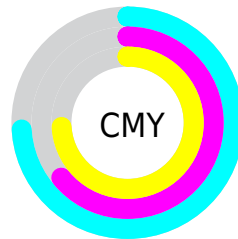


Cyan (27%)

Magenta (0%)

Yellow (27%)

Black (64%)



Cyan (74%)

Magenta (64%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 425B42 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 425B42 by changing the saturation by 10% instead.

■ 425B42

■ 425B42

FFFFFF

■ 2B432C

■ 738D72

■ 162D17

■ 8CA88C

■ 001900

■ A7C3A6

■ 000000

■ C2DFC1

■ DEFCD

■ FBFFFA

■ 425B42

■ 425B42

■ 395B39

■ 4B5B4B

■ 305B30

■ 545B54

■ 275B27

■ 5D5B5D

■ 1E5B1E

■ 665B66

■ 145B14

■ 705B70

■ 0B5B0B

■ 795B79

■ 025B02

■ 825B82

■ 005B00

■ 8B5B8B

■ 945B94

Harmonies

Analogous

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



535739



425B42



305D50

Triad

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



425B42



3B5773



734A4A

Complementary

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



425B42



5B425B

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.



704A59



425B42



525271

Square

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



425B42



285B6C



654D67



6E4E3D

Rectangle

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



425B42



275D5B



654D67



73494F

Sweetspot

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



425B42



6C756C



5B5B42



353B35



BABABA



3B3B3B

Same Dimension

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



425B42



4F754F



425B4F



292E29



006E00



00ED00

Inverse Universe

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



5B425B



754F75



5B424F



2E292E



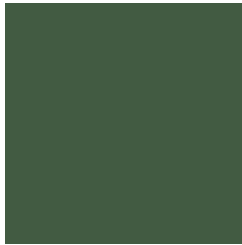
6E006E



ED00ED

Previews

White Background



This preview shows how the Hex color 425B42 looks on a white background.

Color Contrast Check

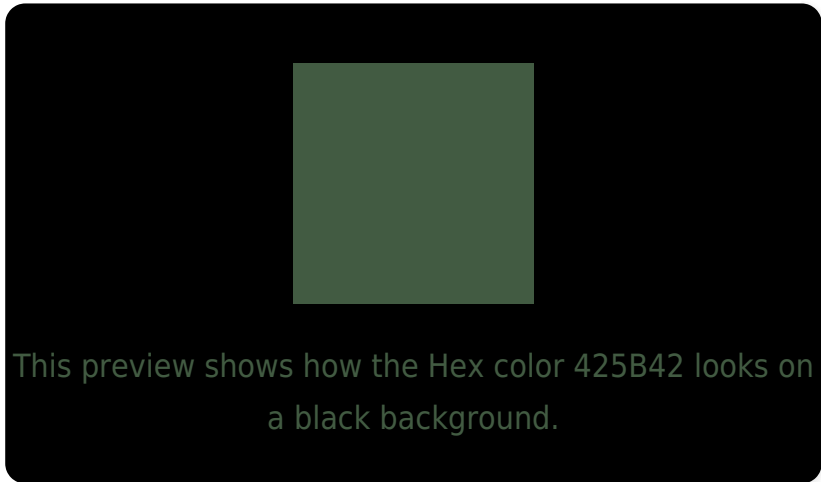
Large Text (above 18pt) WCAG AA ✓ Pass

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

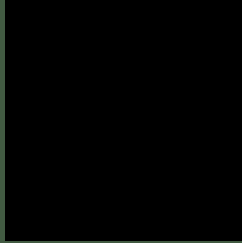
Any Text WCAG AA × Fail

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 425B42 Background



This preview shows how black text looks on a background with the Hex color 425B42.

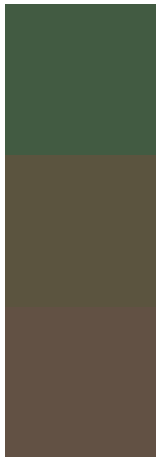


This preview shows how white text looks on a background with the Hex color 425B42.

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
425B42

Protanopia
5B543F

Deuteranopia
625144



Tritanopia
47575E

Trichromacy



Original Color
425B42

Protanomaly
525740

Deuteranomaly
565543

Tritanomaly
455854

Monochromacy



Original Color
425B42

Achromatopsia
515151

Achromatomaly
4C554C

CSS Examples

Text

The CSS property to change the color of the text to Hex 425B42 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 #425B42 looks like.

```
.text, #text, p{  
    color:#425B42  
}
```

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 #425B42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #425B42
}
```

Border

The CSS property to change the border of an element to Hex 425B42 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
#425B42 }
```

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

```
.border{ border-color:#425B42 }
```

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

Here you see how a box with a 4 pixel #425B42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #425B42; -webkit-box-shadow:4px 4px  
4px 4px #425B42; box-shadow:4px 4px 4px  
4px #425B42 }
```

Background

The CSS property to change the background color of an element to Hex 425B42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#425B42 }
```

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

```
.background{ background-color:#425B42 }
```

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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