

Converting Colors

Hex(425E40)

Have a look what the booklet for
Hex(425E40) contains.

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Color

Hex(425E40)

Conversions

Conversions Part 1

Format	Color
Hex	425E40
RGB	66, 94, 64
RGB Percent	26%, 37%, 25%
CMY	0.7412, 0.6314, 0.7490
CMYK	0.30, 0.00, 0.32, 0.63
HSL	116°, 19%, 31%
HSV	116°, 32%, 37%
XYZ	7.1749, 9.5338, 6.3125
YIQ	82.2080, -7.0580, -15.2660

Conversions

Conversions Part 2

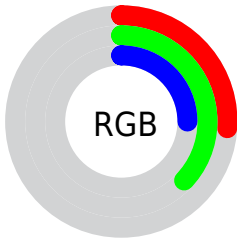
Format	Color
RYB	64, 94, 92
Decimal	4349504
CIELab	36.99, -17.10, 13.96
CIElCh	37, 22.075, 140.776
Yxy	9.5338, 0.3117, 0.4141
Android (android.graphics.Color)	4282539584 (0xFF425E40)
YUV	82.2080, -8.9765, -14.2144
Hunter-Lab	30.8769, -12.5564, 9.4924

Details

The Hex color **425E40** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5C405E**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **739170**, and **153015** is the 20% darker color. If you saturate the color by 10%, you get **395E37**, and if you desaturate by 10%, it is **4B5E49**.

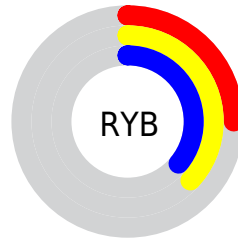
Distribution



Red (26%)

Green (37%)

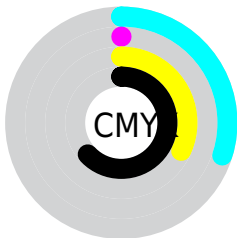
Blue (25%)



Red (25%)

Yellow (37%)

Blue (36%)

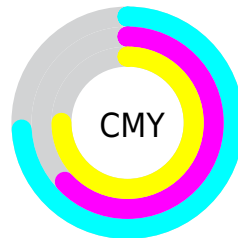


Cyan (30%)

Magenta (0%)

Yellow (32%)

Black (63%)



Cyan (74%)

Magenta (63%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 425E40 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 425E40 by changing the saturation by 10% instead.



425E40



425E40

FFFFFF



2B462A



739170



153015



8DAB89



001C00



A7C6A4



000000



C3E3BF



DFFFDB



FBFFF7



425E40



425E40



395E37



4B5E49

■ 305E2D

■ 545E53

■ 285E24

■ 5C5E5C

■ 1F5E1A

■ 655E66

■ 165E11

■ 6E5E6F

■ 0D5E08

■ 775E78

■ 065E00

■ 7F5E82

■ 885E8B

■ 915E95

Harmonies

Analogous

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



565A35



425E40



2C6051

Triad

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



425E40



355A7A



7A4A4B

Complementary

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



425E40



5C405E

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.



764A5D



425E40



515478

Square

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



425E40



195F72



684E6E



754E3C

Rectangle

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



425E40



1D615D



684E6E



7A4951

Sweetspot

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



425E40



6F7A6E



5E5C40



363D36



BDBDBD



3D3D3D

Same Dimension

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



425E40



4F7A4C



405E4D



2A2E29



076E00



10ED00

Inverse Universe

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



5C405E



774C7A



5E4051



2E292E



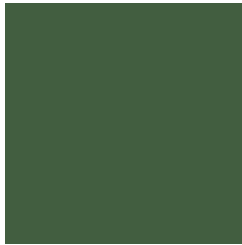
66006E



DD00ED

Previews

White Background



This preview shows how the Hex color 425E40 looks on a white background.

Color Contrast Check

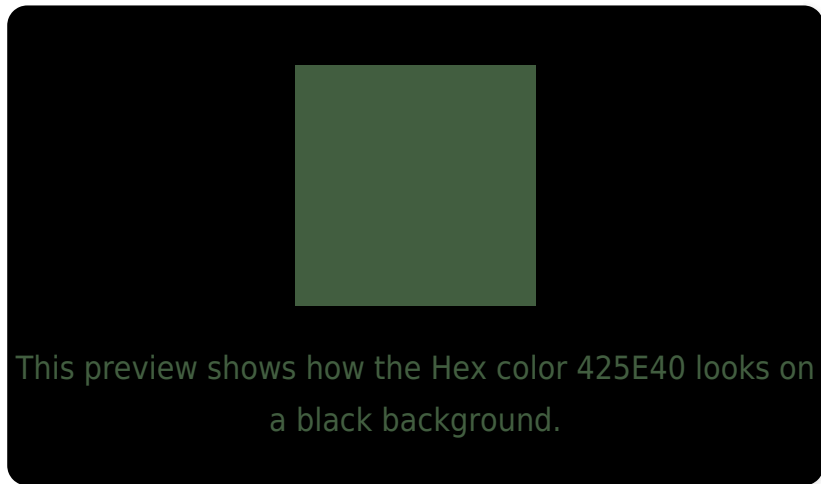
Large Text (above 18pt) WCAG AA ✓ Pass

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

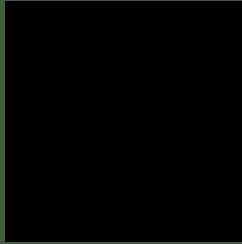
Any Text WCAG AA × Fail

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 425E40 Background



This preview shows how black text looks on a background with the Hex color 425E40.



This preview shows how white text looks on a background with the Hex color 425E40.

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](#).

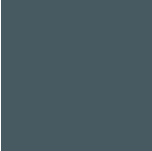
Dichromacy



Original Color
425E40

Protanopia
5E573D

Deuteranopia
665342



Tritanopia
485A61

Trichromacy



Original Color
425E40

Protanomaly
545A3E

Deuteranomaly
595741

Tritanomaly
465B55

Monochromacy



Original Color
425E40

Achromatopsia
525252

Achromatomaly
4C564B

CSS Examples

Text

The CSS property to change the color of the text to Hex 425E40 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 #425E40 looks like.

```
.text, #text, p{  
    color:#425E40  
}
```

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 #425E40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #425E40
}
```

Border

The CSS property to change the border of an element to Hex 425E40 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".

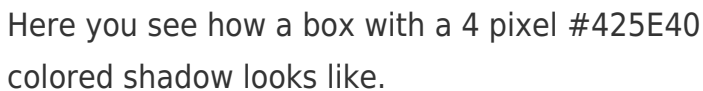
```
.border, #border, table{ border:4px solid
#425E40 }
```

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

```
.border{ border-color:#425E40 }
```

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

Here you see how a box with a 4 pixel #425E40 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #425E40; -webkit-box-shadow:4px 4px  
4px 4px #425E40; box-shadow:4px 4px 4px  
4px #425E40 }
```

Background

The CSS property to change the background color of an element to Hex 425E40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#425E40 }
```

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

```
.background{ background-color:#425E40 }
```

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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