

Converting Colors

Hex(425E49)

Have a look what the booklet for
Hex(425E49) contains.

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Color

Hex(425E49)

Conversions

Conversions Part 1

Format	Color
Hex	425E49
RGB	66, 94, 73
RGB Percent	26%, 37%, 29%
CMY	0.7412, 0.6314, 0.7137
CMYK	0.30, 0.00, 0.22, 0.63
HSL	135°, 18%, 31%
HSV	135°, 30%, 37%
XYZ	7.4521, 9.6447, 7.7722
YIQ	83.2340, -9.9470, -12.4670

Conversions

Conversions Part 2

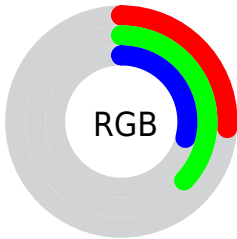
Format	Color
RYB	66, 88, 94
Decimal	4349513
CIELab	37.20, -15.30, 8.75
CIELCh	37, 17.625, 150.216
Yxy	9.6447, 0.2997, 0.3878
Android (android.graphics.Color)	4282539593 (0xFF425E49)
YUV	83.2340, -5.0454, -15.1142
Hunter-Lab	31.0559, -11.5156, 6.9010

Details

The Hex color **425E49** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E4257**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **73917A**, and **15301D** is the 20% darker color. If you saturate the color by 10%, you get **395E42**, and if you desaturate by 10%, it is **4B5E50**.

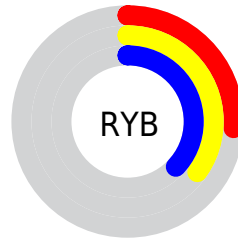
Distribution



Red (26%)

Green (37%)

Blue (29%)



Red (26%)

Yellow (35%)

Blue (37%)

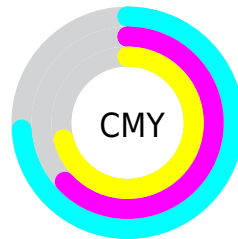


Cyan (30%)

Magenta (0%)

Yellow (22%)

Black (63%)



Cyan (74%)

Magenta (63%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 425E49 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 425E49 by changing the saturation by 10% instead.



425E49



425E49

FFFFFF



2B4632



73917A



15301D



8CAB93



001C04



A7C6AE



000000



C2E2C9



DEFFE5



FBFFFF



425E49



425E49



395E42



4B5E50

■ 2F5E3B

■ 555E57

■ 265E34

■ 5E5E5E

■ 1C5E2D

■ 685E65

■ 135E26

■ 715E6C

■ 0A5E1F

■ 7A5E73

■ 005E18

■ 845E7A

■ 005E17

■ 8D5E81

■ 975E88

Harmonies

Analogous

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



525B3F



425E49



335F57

Triad

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



425E49



455974



744E4A

Complementary

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



425E49



5E4257

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.



734D58



425E49



5A5470

Square

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



425E49



335D70



6A4F66



6D523F

Rectangle

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



425E49



2C5F61



6A4F66



744D4E

Sweetspot

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



425E49



6F7A72



575E42



363D38



BDBDBD



3D3D3D

Same Dimension

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



425E49



4E7A59



425E57



292E2A



006E1B



00ED3B

Inverse Universe

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



5E4257



7A4E6F



5E4249



2E292D



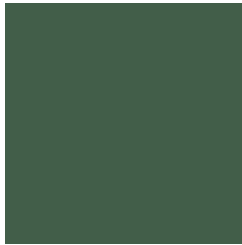
6E0052



ED00B2

Previews

White Background



This preview shows how the Hex color 425E49 looks on a white background.

Color Contrast Check

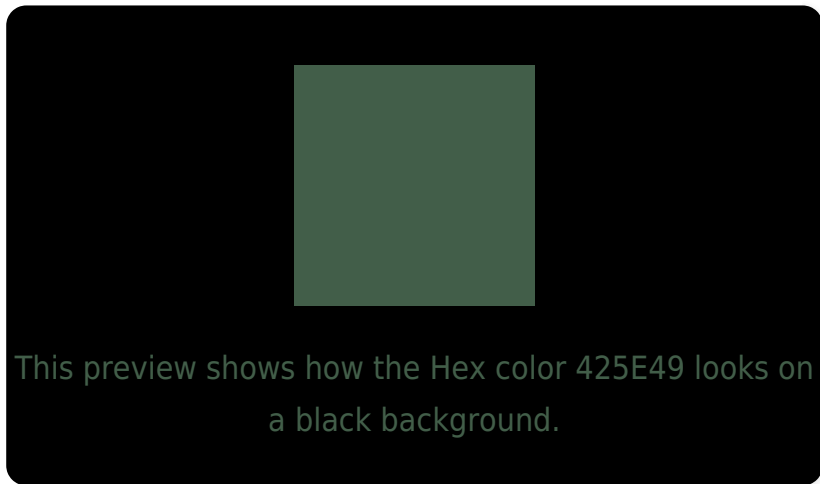
Large Text (above 18pt) WCAG AA ✓ Pass

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

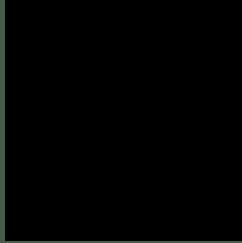
Any Text WCAG AA × Fail

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 425E49 Background



This preview shows how black text looks on a background with the Hex color 425E49.



This preview shows how white text looks on a background with the Hex color 425E49.

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](#).

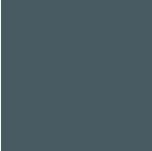
Dichromacy



Original Color
425E49

Protanopia
5D5746

Deuteranopia
64544B



Tritanopia
475B62

Trichromacy



Original Color

425E49

Protanomaly

535A47

Deuteranomaly

58584A

Tritanomaly

455C59

Monochromacy



Original Color

425E49

Achromatopsia

535353

Achromatomaly

4D574F

CSS Examples

Text

The CSS property to change the color of the text to Hex 425E49 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 #425E49 looks like.

```
.text, #text, p{  
    color:#425E49  
}
```

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 #425E49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #425E49
}
```

Border

The CSS property to change the border of an element to Hex 425E49 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".

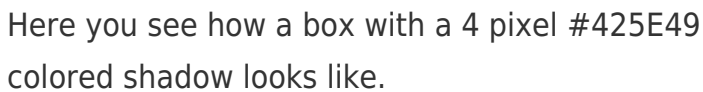
```
.border, #border, table{ border:4px solid
#425E49 }
```

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

```
.border{ border-color:#425E49 }
```

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

Here you see how a box with a 4 pixel #425E49 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #425E49; -webkit-box-shadow:4px 4px  
4px 4px #425E49; box-shadow:4px 4px 4px  
4px #425E49 }
```

Background

The CSS property to change the background color of an element to Hex 425E49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#425E49 }
```

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

```
.background{ background-color:#425E49 }
```

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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