

Converting Colors

Hex(425B33)

Have a look what the booklet for
Hex(425B33) contains.

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Color

Hex(425B33)

Conversions

Conversions Part 1

Format	Color
Hex	425B33
RGB	66, 91, 51
RGB Percent	26%, 36%, 20%
CMY	0.7412, 0.6431, 0.8000
CMYK	0.27, 0.00, 0.44, 0.64
HSL	98°, 28%, 28%
HSV	98°, 44%, 36%
XYZ	6.5854, 8.8794, 4.4988
YIQ	78.9650, -2.0600, -17.7400

Conversions

Conversions Part 2

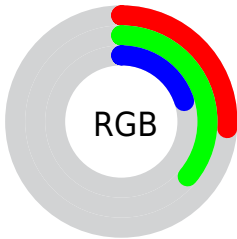
Format	Color
RYB	51, 91, 76
Decimal	4348723
CIELab	35.75, -17.70, 20.08
CIElCh	36, 26.773, 131.396
Yxy	8.8794, 0.3299, 0.4448
Android (android.graphics.Color)	4282538803 (0xFF425B33)
YUV	78.9650, -13.7867, -11.3703
Hunter-Lab	29.7984, -12.6990, 11.9076

Details

The Hex color **425B33** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4C335B**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **738D62**, and **152D06** is the 20% darker color. If you saturate the color by 10%, you get **3C5B2A**, and if you desaturate by 10%, it is **485B3C**.

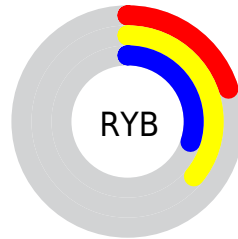
Distribution



 Red (26%)

 Green (36%)

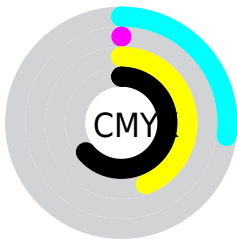
 Blue (20%)



 Red (20%)

 Yellow (36%)

 Blue (30%)

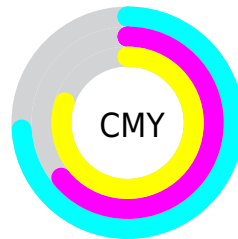


 Cyan (27%)

 Magenta (0%)

 Yellow (44%)

 Black (64%)



 Cyan (74%)

 Magenta (64%)

 Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 425B33 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 425B33 by changing the saturation by 10% instead.



425B33



425B33

FFFFFF



2B431D



738D62



152D06



8DA87B



001A00



A8C395



000000



C3DFB0



DFFCB



FCFFE8



425B33



425B33



3C5B2A



485B3C

■ 375B21

■ 4D5B45

■ 315B18

■ 535B4E

■ 2B5B0F

■ 595B57

■ 265B06

■ 5E5B61

■ 225B00

■ 645B6A

■ 6A5B73

■ 705B7C

■ 755B85

Harmonies

Analogous

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



595529



425B33



255E46

Triad

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



425B33



0F5A7C



7D434D

Complementary

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



425B33



4C335B

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.



754562



425B33



41537E

Square

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



425B33



005E70



614B74



794739

Rectangle

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



425B33



025F54



614B74



7C4354

Sweetspot

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



425B33



6C7566



5B4C33



353B31



BABABA



3B3B3B

Same Dimension

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



425B33



4E7537



335B38



2B2E29



296E00



59ED00

Inverse Universe

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



4C335B



5E3775



5B3356



2C292E



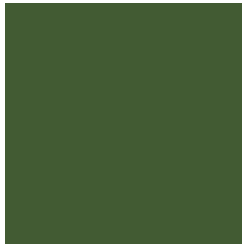
45006E



9400ED

Previews

White Background



This preview shows how the Hex color 425B33 looks on a white background.

Color Contrast Check

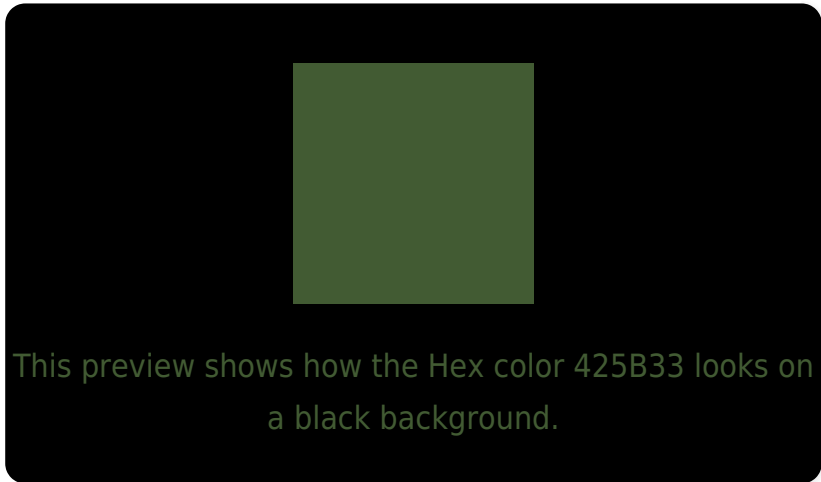
Large Text (above 18pt) WCAG AA ✓ Pass

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

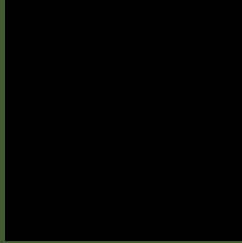
Any Text WCAG AA × Fail

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 425B33 Background



This preview shows how black text looks on a background with the Hex color 425B33.



This preview shows how white text looks on a background with the Hex color 425B33.

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](#).

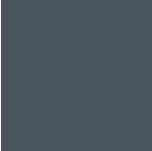
Dichromacy



Original Color
425B33

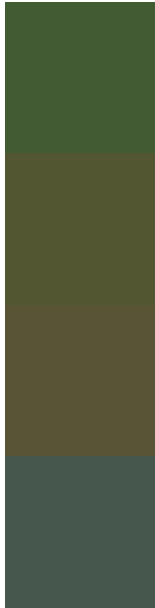
Protanopia
5C5430

Deuteranopia
655036



Tritanopia
49565D

Trichromacy



Original Color
425B33

Protanomaly
535731

Deuteranomaly
585435

Tritanomaly
46584E

Monochromacy



Original Color
425B33

Achromatopsia
4F4F4F

Achromatomaly
4A5345

CSS Examples

Text

The CSS property to change the color of the text to Hex 425B33 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 #425B33 looks like.

```
.text, #text, p{  
    color:#425B33  
}
```

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 #425B33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #425B33  
}
```

Border

The CSS property to change the border of an element to Hex 425B33 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".

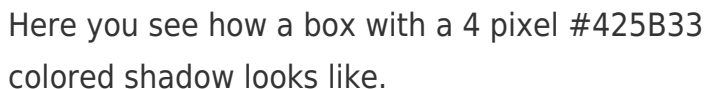
```
.border, #border, table{ border:4px solid  
#425B33 }
```

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

```
.border{ border-color:#425B33 }
```

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

Here you see how a box with a 4 pixel #425B33 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #425B33; -webkit-box-shadow:4px 4px  
4px 4px #425B33; box-shadow:4px 4px 4px  
4px #425B33 }
```

Background

The CSS property to change the background color of an element to Hex 425B33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#425B33 }
```

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

```
.background{ background-color:#425B33 }
```

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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