

# Converting Colors

Hex(4B425A)

Have a look what the booklet for  
Hex(4B425A) contains.

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# Color

Hex(4B425A)

# Conversions

## Conversions Part 1

Format	Color
Hex	4B425A
RGB	75, 66, 90
RGB Percent	29%, 26%, 35%
CMY	0.7059, 0.7412, 0.6471
CMYK	0.17, 0.27, 0.00, 0.65
HSL	262°, 15%, 31%
HSV	262°, 27%, 35%
XYZ	6.6953, 6.1305, 10.5033
YIQ	71.4270, -2.3400, 9.3720

# Conversions

## Conversions Part 2

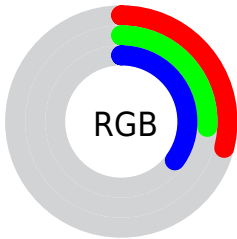
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 66, 90
Decimal	4932186
CIE Lab	29.74, 9.35, -12.86
CIE LCh	30, 15.900, 305.998
Yxy	6.1305, 0.2870, 0.2628
Android (android.graphics.Color)	4283122266 (0xFF4B425A)
YUV	71.4270, 9.1565, 3.1335
Hunter-Lab	24.7598, 4.9388, -7.8194

# Details

The Hex color **4B425A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **515A42**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7C728C**, and **1F172C** is the 20% darker color. If you saturate the color by 10%, you get **45395A**, and if you desaturate by 10%, it is **514B5A**.

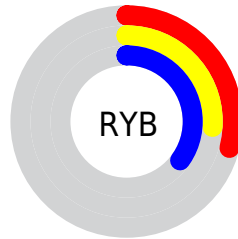
# Distribution



Red (29%)

Green (26%)

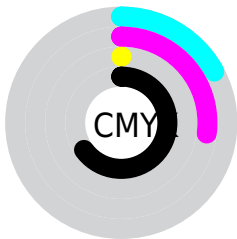
Blue (35%)



Red (29%)

Yellow (26%)

Blue (35%)

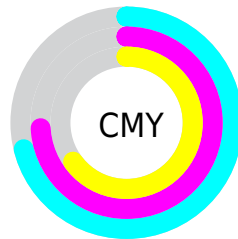


Cyan (17%)

Magenta (27%)

Yellow (0%)

Black (65%)



Cyan (71%)

Magenta (74%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B425A 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 4B425A by changing the saturation by 10% instead.



■ 4B425A

■ 4B425A

FFFFFF

■ 342C43

■ 7C728C

■ 1F172C

■ 968BA7

■ 070018

■ B1A6C2

■ 000000

■ CCC1DE

■ E8DDFA

■ FFF9FF

■ 4B425A

■ 4B425A

■ 45395A

■ 514B5A

40305A

56545A

3A275A

5C5D5A

351E5A

62665A

2F155A

676F5A

290C5A

6D785A

24035A

72815A

22005A

788A5A

7E935A

# Harmonies

## Analogous

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



3A465E



4B425A



583E50

# Triad

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



4B425A



574230



244D48

# Complementary

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



4B425A



515A42

# 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.



304C3C



4B425A



4C462D

# Square

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



4B425A



5E3E38



3F4A32



1F4C54

# Rectangle

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



4B425A



5D3D48



3F4A32



274D44



# Sweetspot

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



4B425A



6F6C75



42515A



37353B



BABABA



3B3B3B



# Same Dimension

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



4B425A



5E5075



57425A



2B292E



29006E



5900ED



# Inverse Universe

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



5A4251



755067



455A42



2E292C



6E0045



ED0094



# Previews

## White Background



This preview shows how the Hex color 4B425A looks on a white background.

## Color Contrast Check

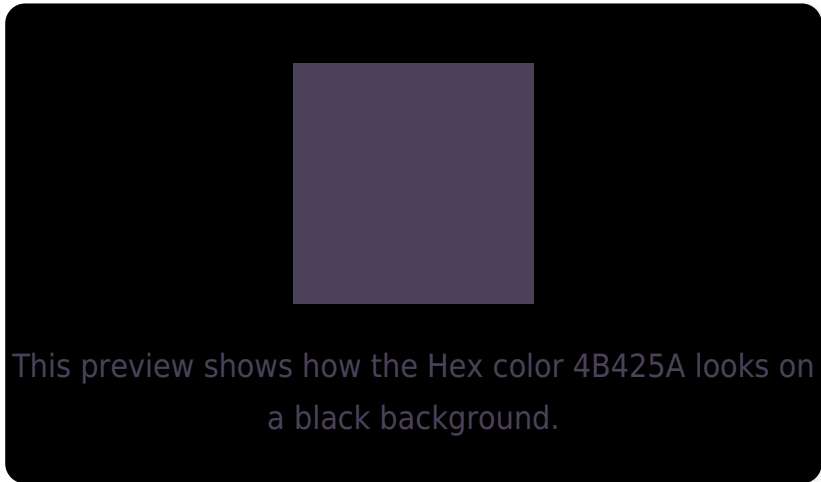
Large Text (above 18pt) WCAG AA ✓ Pass

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

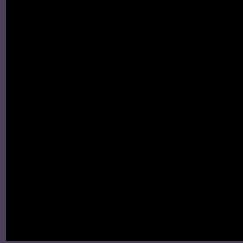
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4B425A Background



This preview shows how black text looks on a background with the Hex color 4B425A.

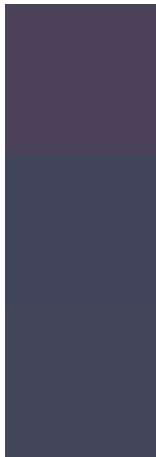


This preview shows how white text looks on a background with the Hex color 4B425A.

# 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**  
4B425A

**Protanopia**  
40455C

**Deuteranopia**  
434559



**Tritanopia**  
48454A

# Trichromacy



**Original Color**

4B425A

**Protanomaly**

44445B

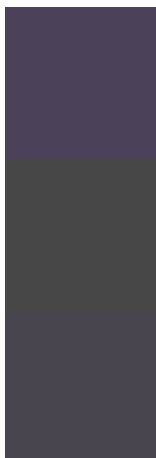
**Deuteranomaly**

464459

**Tritanomaly**

494450

# Monochromacy



**Original Color**

4B425A

**Achromatopsia**

474747

**Achromatomaly**

48454E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B425A 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 #4B425A looks like.

```
.text, #text, p{  
    color:#4B425A  
}
```

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 #4B425A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B425A
}
```

## Border

The CSS property to change the border of an element to Hex 4B425A 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
#4B425A }
```

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

```
.border{ border-color:#4B425A }
```

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

Here you see how a box with a 4 pixel #4B425A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B425A; -webkit-box-shadow:4px 4px  
4px 4px #4B425A; box-shadow:4px 4px 4px  
4px #4B425A }
```

# Background

The CSS property to change the background color of an element to Hex 4B425A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B425A }
```

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

```
.background{ background-color:#4B425A }
```

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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