

# Converting Colors

Hex(4E465C)

Have a look what the booklet for  
Hex(4E465C) contains.

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# Color

**Hex(4E465C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E465C
RGB	78, 70, 92
RGB Percent	31%, 27%, 36%
CMY	0.6941, 0.7255, 0.6392
CMYK	0.15, 0.24, 0.00, 0.64
HSL	262°, 14%, 32%
HSV	262°, 24%, 36%
XYZ	7.2638, 6.7727, 11.0496
YIQ	74.9000, -2.2940, 8.5380

# Conversions

## Conversions Part 2

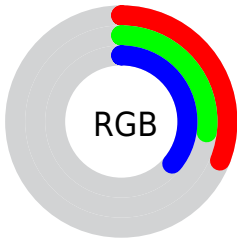
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 70, 92
Decimal	5129820
CIE Lab	31.28, 8.37, -11.76
CIE LCh	31, 14.440, 305.445
Yxy	6.7727, 0.2896, 0.2700
Android (android.graphics.Color)	4283319900 (0xFF4E465C)
YUV	74.9000, 8.4303, 2.7187
Hunter-Lab	26.0245, 4.2792, -6.9566

# Details

The Hex color **4E465C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **545C46**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7F768E**, and **211B2E** is the 20% darker color. If you saturate the color by 10%, you get **483D5C**, and if you desaturate by 10%, it is **544F5C**.

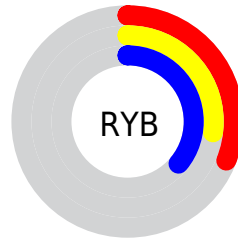
# Distribution



Red (31%)

Green (27%)

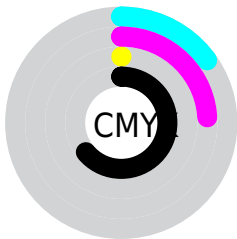
Blue (36%)



Red (31%)

Yellow (27%)

Blue (36%)

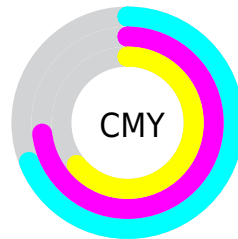


Cyan (15%)

Magenta (24%)

Yellow (0%)

Black (64%)



Cyan (69%)

Magenta (73%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E465C 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 4E465C by changing the saturation by 10% instead.





4E465C



4E465C

FFFFFF



373044



7F768E



211B2E



9990A9



0D001A



B4AAC4



000000



D0C6E0



ECE2FD

FFFEFF



4E465C



4E465C



483D5C



544F5C

■ 42345C

■ 5A585C

■ 3C2A5C

■ 60625C

■ 37215C

■ 656B5C

■ 31185C

■ 6B745C

■ 2B0F5C

■ 717D5C

■ 25065C

■ 77865C

■ 21005C

■ 7D905C

■ 83995C

# Harmonies

## Analogous

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



3E4A60



4E465C



5A4353

# Triad

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



4E465C



5A4635



2C504B

# Complementary

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



4E465C



545C46

# 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.



364F40



4E465C



504A33

# Square

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



4E465C



60433D



434D37



284F56

# Rectangle

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



4E465C



5F424C



434D37



2F5047



# Sweetspot

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



4E465C



736F78



46545C



3A383D



BDBDBD



3D3D3D



# Same Dimension

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



4E465C



625578



59465C



2B292E



28006E



5600ED



# Inverse Universe

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



5C4654



78556B



495C46



2E292C



6E0046



ED0097



# Previews

## White Background



This preview shows how the Hex color 4E465C looks on a white background.

## Color Contrast Check

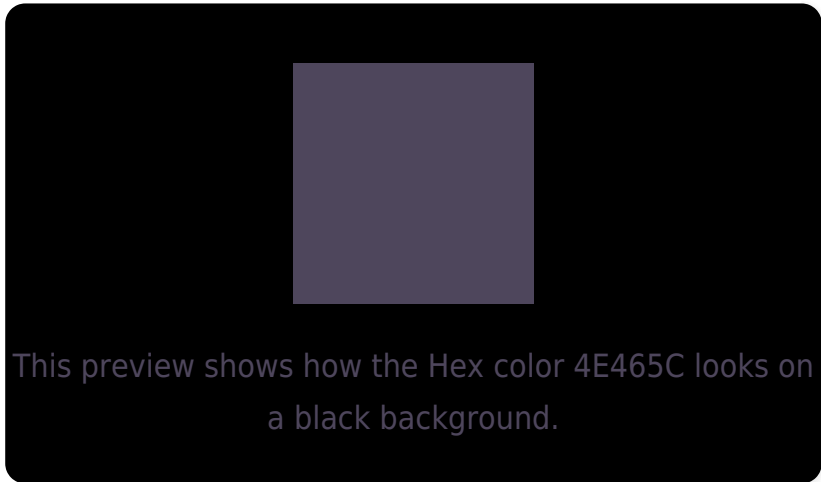
Large Text (above 18pt) WCAG AA ✓ Pass

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

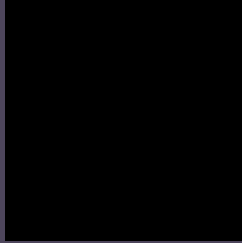
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E465C Background



This preview shows how black text looks on a background with the Hex color 4E465C.

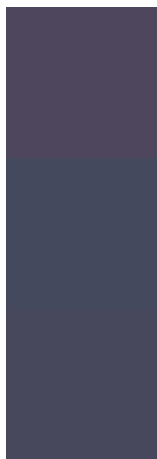


This preview shows how white text looks on a background with the Hex color 4E465C.

# 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**  
4E465C

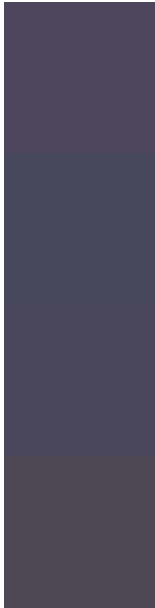
**Protanopia**  
44495E

**Deuteranopia**  
48485C



**Tritanopia**  
4C494E

# Trichromacy



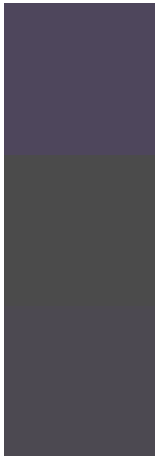
**Original Color**  
4E465C

**Protanomaly**  
48485D

**Deuteranomaly**  
4A475C

**Tritanomaly**  
4D4853

# Monochromacy



**Original Color**  
4E465C

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
4C4951

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E465C 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 #4E465C looks like.

```
.text, #text, p{  
    color:#4E465C  
}
```

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 #4E465C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E465C
}
```

## Border

The CSS property to change the border of an element to Hex 4E465C is called "border". The border property can be set on classes, ids or directly on the HTML element.

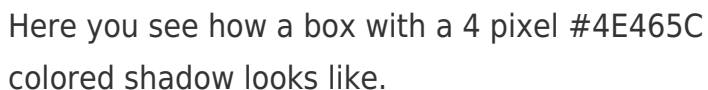
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E465C }
```

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

```
.border{ border-color:#4E465C }
```

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



Here you see how a box with a 4 pixel #4E465C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E465C; -webkit-box-shadow:4px 4px  
4px 4px #4E465C; box-shadow:4px 4px 4px  
4px #4E465C }
```

# Background

The CSS property to change the background color of an element to Hex 4E465C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E465C }
```

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

```
.background{ background-color:#4E465C }
```

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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