

Converting Colors

Hex(4E474B)

Have a look what the booklet for
Hex(4E474B) contains.

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Color

Hex(4E474B)

Conversions

Conversions Part 1

Format	Color
Hex	4E474B
RGB	78, 71, 75
RGB Percent	31%, 28%, 29%
CMY	0.6941, 0.7216, 0.7059
CMYK	0.00, 0.09, 0.04, 0.69
HSL	326°, 5%, 29%
HSV	326°, 9%, 31%
XYZ	6.6651, 6.6342, 7.5858
YIQ	73.5490, 2.8880, 2.7280

Conversions

Conversions Part 2

Format	Color
R_{YB}	78, 71, 75
Decimal	5130059
CIE Lab	30.96, 3.78, -1.33
CIE LCh	31, 4.004, 340.573
Yxy	6.6342, 0.3191, 0.3177
Android (android.graphics.Color)	4283320139 (0xFF4E474B)
YUV	73.5490, 0.7153, 3.9035
Hunter-Lab	25.7569, 1.1159, 0.5679

Details

The Hex color **4E474B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **474E4A**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **7F777C**, and **221C1F** is the 20% darker color. If you saturate the color by 10%, you get **4E3F48**, and if you desaturate by 10%, it is **4E4F4E**.

Distribution



 Red (31%)

 Green (28%)

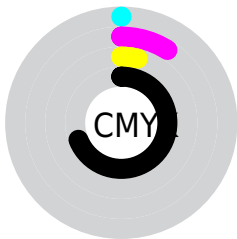
 Blue (29%)



 Red (31%)

 Yellow (28%)

 Blue (29%)



 Cyan (0%)

 Magenta (9%)

 Yellow (4%)

 Black (69%)



 Cyan (69%)

 Magenta (72%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E474B 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 4E474B by changing the saturation by 10% instead.



4E474B



4E474B

FFFFFF



373134



7F777C



221C1F



999195



0C0107



B4ACB0



000000



CFC7CC



EBE3E8



4E474B



4E474B



4E3F48



4E4F4E



4E3744



4E5752

■ 4E3041

■ 4E5E55

■ 4E283E

■ 4E6658

■ 4E203A

■ 4E6E5C

■ 4E1837

■ 4E765F

■ 4E1034

■ 4E7E62

■ 4E0930

■ 4E8566

■ 4E012D

■ 4E8D69

Harmonies

Analogous

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



4B484E



4E474B



504748

Triad

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



4E474B



4A4943



424A4D

Complementary

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



4E474B



474E4A

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.



414B4A



4E474B



474A44

Square

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



4E474B



4E4843



434B47



444A4F

Rectangle

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



4E474B



504746



434B47



414B4C

Sweetspot

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



4E474B



666365



4A474E



333132



B3B3B3



333333

Same Dimension

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



4E474B



665B61



4E4748



262225



66003A



E60083

Inverse Universe

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



4E474B



665B61



474E4D



262225



66003A



E60083

Previews

White Background



This preview shows how the Hex color 4E474B looks on a white background.

Color Contrast Check

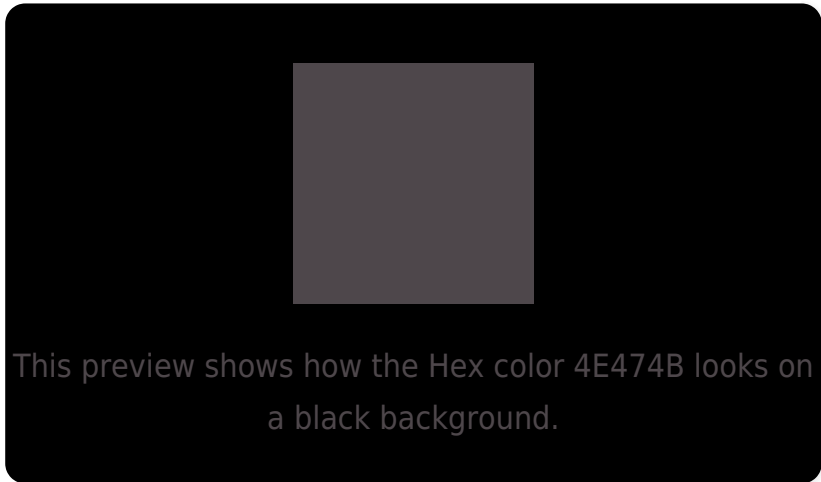
Large Text (above 18pt) WCAG AA ✓ Pass

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

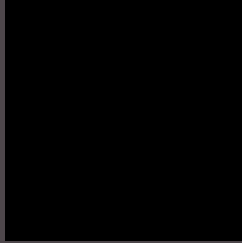
Any Text WCAG AA × Fail

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 4E474B Background



This preview shows how black text looks on a background with the Hex color 4E474B.

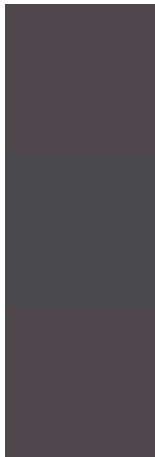


This preview shows how white text looks on a background with the Hex color 4E474B.

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
4E474B

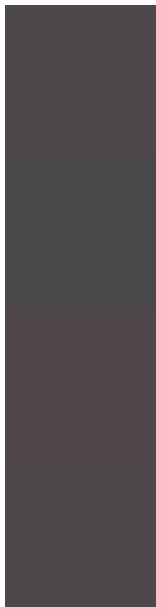
Protanopia
49484C

Deuteranopia
4F474B



Tritanopia
4E474C

Trichromacy



Original Color

4E474B

Protanomaly

4B484C

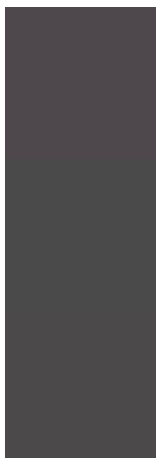
Deuteranomaly

4F474B

Tritanomaly

4E474C

Monochromacy



Original Color

4E474B

Achromatopsia

4A4A4A

Achromatomaly

4B494A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E474B 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 #4E474B looks like.

```
.text, #text, p{  
    color:#4E474B  
}
```

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 #4E474B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E474B
}
```

Border

The CSS property to change the border of an element to Hex 4E474B is called "border". The border property can be set on classes, ids or directly on the HTML element.

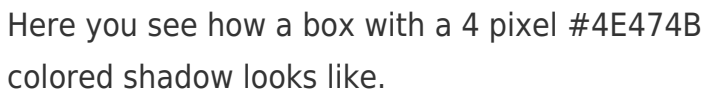
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E474B }
```

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

```
.border{ border-color:#4E474B }
```

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



Here you see how a box with a 4 pixel #4E474B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E474B; -webkit-box-shadow:4px 4px  
4px 4px #4E474B; box-shadow:4px 4px 4px  
4px #4E474B }
```

Background

The CSS property to change the background color of an element to Hex 4E474B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E474B }
```

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

```
.background{ background-color:#4E474B }
```

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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