

# Converting Colors

Hex(4E472D)

Have a look what the booklet for  
Hex(4E472D) contains.

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# Color

Hex(4E472D)

# Conversions

## Conversions Part 1

Format	Color
Hex	4E472D
RGB	78, 71, 45
RGB Percent	31%, 28%, 18%
CMY	0.6941, 0.7216, 0.8235
CMYK	0.00, 0.09, 0.42, 0.69
HSL	47°, 27%, 24%
HSV	47°, 42%, 31%
XYZ	5.8688, 6.3156, 3.3923
YIQ	70.1290, 12.5180, -6.6020

# Conversions

## Conversions Part 2

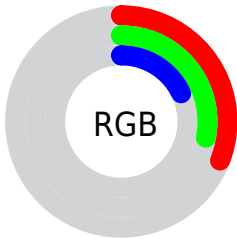
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	54, 78, 45
Decimal	5130029
CIE Lab	30.20, -1.49, 16.71
CIE LCh	30, 16.781, 95.106
Yxy	6.3156, 0.3768, 0.4055
Android (android.graphics.Color)	4283320109 (0xFF4E472D)
YUV	70.1290, -12.3886, 6.9029
Hunter-Lab	25.1309, -2.2944, 9.5883

# Details

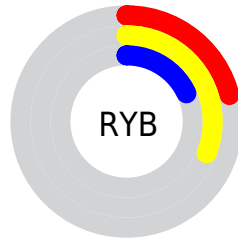
The Hex color **4E472D** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2D344E**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **80775B**, and **221C00** is the 20% darker color. If you saturate the color by 10%, you get **4E4525**, and if you desaturate by 10%, it is **4E4935**.

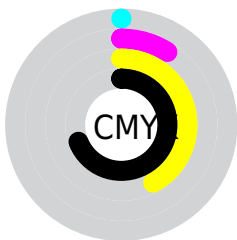
# Distribution



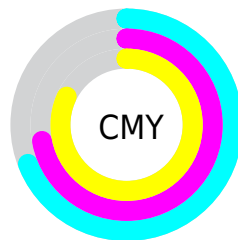
- Red (31%)
- Green (28%)
- Blue (18%)



- Red (21%)
- Yellow (31%)
- Blue (18%)



- Cyan (0%)
- Magenta (9%)
- Yellow (42%)
- Black (69%)



- Cyan (69%)
- Magenta (72%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E472D 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 4E472D by changing the saturation by 10% instead.





4E472D



4E472D

FFFFFF



373118



80775B



221C00



9A9174



000100



B5AB8D



000000



D1C7A8



EDE3C3



FFFFDF



FFFFFC



4E472D



4E472D

■ 4E4525

■ 4E4935

■ 4E441D

■ 4E4A3D

■ 4E4216

■ 4E4C44

■ 4E400E

■ 4E4E4C

■ 4E3F06

■ 4E4F54

■ 4E3D00

■ 4E515C

■ 4E5364

■ 4E546B

■ 4E5673

# Harmonies

## Analogous

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



594330



4E472D



404B31

# Triad

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



4E472D



1C4E56



5A3F52

# Complementary

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



4E472D



2D344E

# 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.



4C435C



4E472D



264B5E

# Square

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



4E472D



224E49



394861



613D45

# Rectangle

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



4E472D



364D38



394861



564056



# Sweetspot

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



4E472D



666359



4E2D34



33312B



B3B3B3



333333



# Same Dimension

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



4E472D



665B32



454E2D



262522



665000



E6B500



# Inverse Universe

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



2D344E



323D66



362D4E



222326



001666



0031E6



# Previews

## White Background



This preview shows how the Hex color 4E472D looks on a white background.

## Color Contrast Check

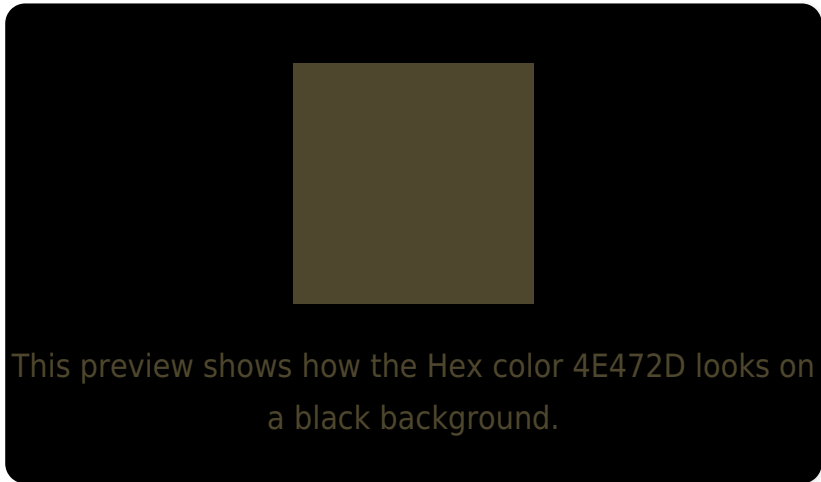
Large Text (above 18pt) WCAG AA ✓ Pass

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

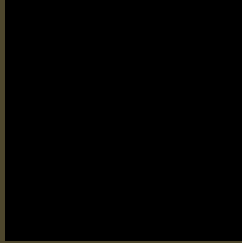
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E472D Background



This preview shows how black text looks on a background with the Hex color 4E472D.

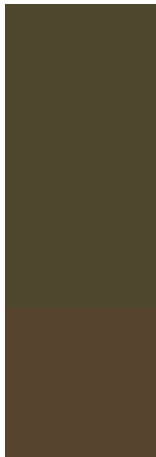


This preview shows how white text looks on a background with the Hex color 4E472D.

# 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**  
4E472D

**Protanopia**  
4E472D

**Deuteranopia**  
56442E



**Tritanopia**  
514449

# Trichromacy



**Original Color**  
4E472D

**Protanomaly**  
4E472D

**Deuteranomaly**  
53452E

**Tritanomaly**  
50453F

# Monochromacy



**Original Color**  
4E472D

**Achromatopsia**  
464646

**Achromatomaly**  
49463D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E472D 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 #4E472D looks like.

```
.text, #text, p{  
    color:#4E472D  
}
```

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 #4E472D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E472D  
}
```

## Border

The CSS property to change the border of an element to Hex 4E472D is called "border". The border property can be set on classes, ids or directly on the HTML element.

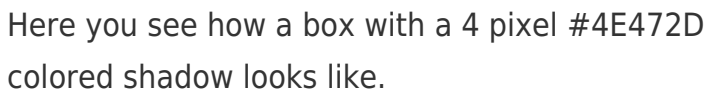
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4E472D }
```

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

```
.border{ border-color:#4E472D }
```

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



Here you see how a box with a 4 pixel #4E472D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E472D; -webkit-box-shadow:4px 4px  
4px 4px #4E472D; box-shadow:4px 4px 4px  
4px #4E472D }
```

# Background

The CSS property to change the background color of an element to Hex 4E472D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E472D }
```

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

```
.background{ background-color:#4E472D }
```

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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