

# Converting Colors

Hex(42482E)

Have a look what the booklet for  
Hex(42482E) contains.

<b>Hex(42482E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(42482E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42482E
RGB	66, 72, 46
RGB Percent	26%, 28%, 18%
CMY	0.7412, 0.7176, 0.8196
CMYK	0.08, 0.00, 0.36, 0.72
HSL	74°, 22%, 23%
HSV	74°, 36%, 28%
XYZ	5.0573, 5.9902, 3.4745
YIQ	67.2420, 4.7700, -9.3580

# Conversions

## Conversions Part 2

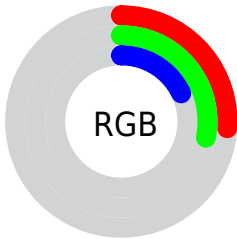
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 72, 52
Decimal	4343854
CIELab	29.39, -7.58, 14.82
CIElCh	29, 16.643, 117.083
Yxy	5.9902, 0.3482, 0.4125
Android (android.graphics.Color)	4282533934 (0xFF42482E)
YUV	67.2420, -10.4723, -1.0892
Hunter-Lab	24.4750, -5.9476, 8.7157

# Details

The Hex color **42482E** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **342E48**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **72785C**, and **191C00** is the 20% darker color. If you saturate the color by 10%, you get **404827**, and if you desaturate by 10%, it is **444835**.

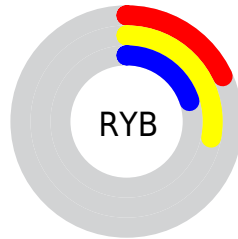
# Distribution



Red (26%)

Green (28%)

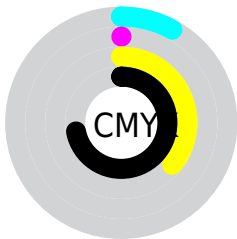
Blue (18%)



Red (18%)

Yellow (28%)

Blue (20%)

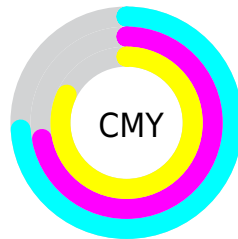


Cyan (8%)

Magenta (0%)

Yellow (36%)

Black (72%)



Cyan (74%)

Magenta (72%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 42482E 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 42482E by changing the saturation by 10% instead.





42482E



42482E

FFFFFF



2C3219



72785C



191C00



8C9275



000000



A6AD8E



C2C8A9



DEE4C4



FAFFE0



FFFFFFD



42482E



42482E

■ 404827

■ 444835

■ 3F4820

■ 45483C

■ 3D4818

■ 474844

■ 3B4811

■ 49484B

■ 3A480A

■ 4A4852

■ 384803

■ 4C4859

■ 374800

■ 4E4860

■ 4F4868

■ 51486F

# Harmonies

## Analogous

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



4F442C



42482E



334B37

# Triad

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



42482E



204A5A



5D3C47

# Complementary

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



42482E



342E48

# 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.



543E53



42482E



32475F

# Square

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



42482E



1B4C51



45425C



5F3C3A

# Rectangle

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



42482E



294C3F



45425C



5B3C4B



# Sweetspot

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



42482E



5C5E54



48342E



2F302A



B0B0B0



303030



# Same Dimension

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



42482E



555E36



35482E



232420



4D6300



AFE300



# Inverse Universe

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



342E48



3F365E



412E48



212024



170063



3400E3



# Previews

## White Background



This preview shows how the Hex color 42482E looks on a white background.

## Color Contrast Check

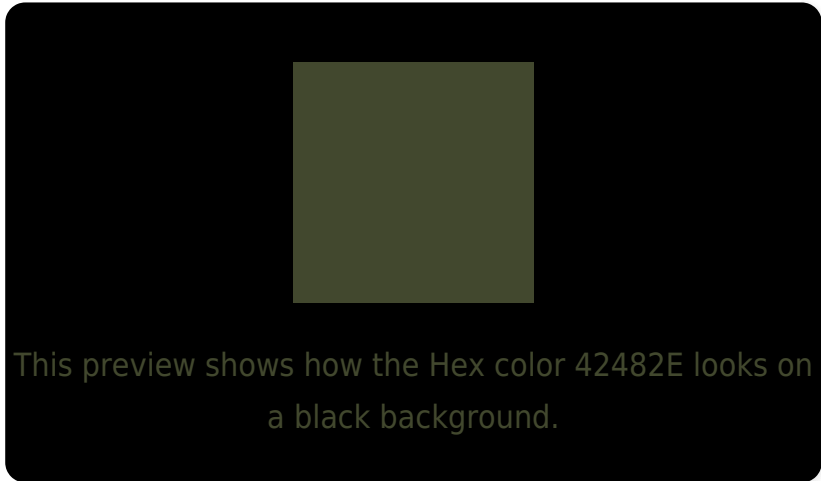
Large Text (above 18pt) WCAG AA ✓ Pass

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

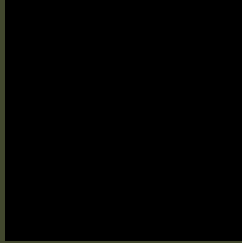
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 42482E Background



This preview shows how black text looks on a background with the Hex color 42482E.

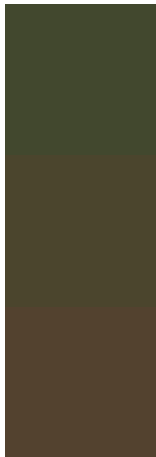


This preview shows how white text looks on a background with the Hex color 42482E.

# 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**  
42482E

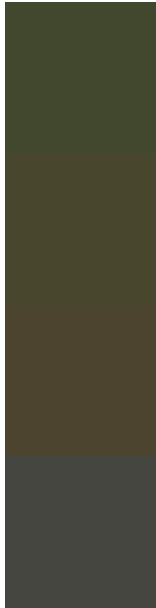
**Protanopia**  
4B452D

**Deuteranopia**  
53422F



**Tritanopia**  
46454A

# Trichromacy



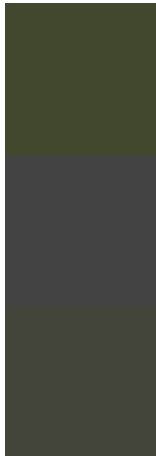
**Original Color**  
42482E

**Protanomaly**  
48462D

**Deuteranomaly**  
4D442F

**Tritanomaly**  
454640

# Monochromacy



**Original Color**  
42482E

**Achromatopsia**  
434343

**Achromatomaly**  
43453B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 42482E 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 #42482E looks like.

```
.text, #text, p{  
    color:#42482E  
}
```

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 #42482E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42482E
}
```

## Border

The CSS property to change the border of an element to Hex 42482E is called "border". The border property can be set on classes, ids or directly on the HTML element.

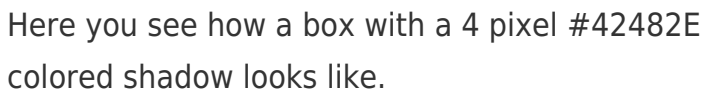
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42482E }
```

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

```
.border{ border-color:#42482E }
```

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



Here you see how a box with a 4 pixel #42482E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42482E; -webkit-box-shadow:4px 4px  
4px 4px #42482E; box-shadow:4px 4px 4px  
4px #42482E }
```

# Background

The CSS property to change the background color of an element to Hex 42482E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42482E }
```

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

```
.background{ background-color:#42482E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor