

# Converting Colors

Hex(454835)

Have a look what the booklet for  
Hex(454835) contains.

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# Color

Hex(454835)

# Conversions

## Conversions Part 1

Format	Color
Hex	454835
RGB	69, 72, 53
RGB Percent	27%, 28%, 21%
CMY	0.7294, 0.7176, 0.7922
CMYK	0.04, 0.00, 0.26, 0.72
HSL	69°, 15%, 25%
HSV	69°, 26%, 28%
XYZ	5.4142, 6.1570, 4.2712
YIQ	68.9370, 4.3110, -6.5450

# Conversions

## Conversions Part 2

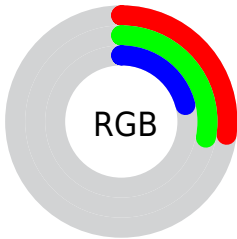
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 72, 56
Decimal	4540469
CIELab	29.81, -5.05, 11.02
CIElCh	30, 12.121, 114.631
Yxy	6.1570, 0.3418, 0.3886
Android (android.graphics.Color)	4282730549 (0xFF454835)
YUV	68.9370, -7.8569, 0.0553
Hunter-Lab	24.8133, -4.4748, 7.1634

# Details

The Hex color **454835** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **383548**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **757864**, and **1A1D09** is the 20% darker color. If you saturate the color by 10%, you get **44482E**, and if you desaturate by 10%, it is **46483C**.

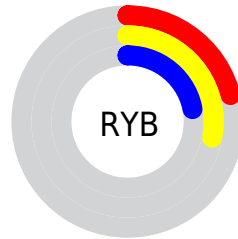
# Distribution



Red (27%)

Green (28%)

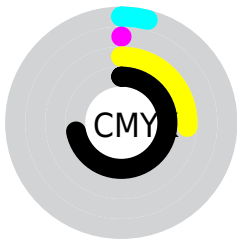
Blue (21%)



Red (21%)

Yellow (28%)

Blue (22%)

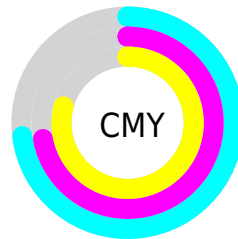


Cyan (4%)

Magenta (0%)

Yellow (26%)

Black (72%)



Cyan (73%)

Magenta (72%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 454835 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 454835 by changing the saturation by 10% instead.





454835



454835

FFFFFF



2F3220



757864



1A1D09



8F927D



000000



AAAD97



C5C8B1



E1E4CD



FEFFE9



454835



454835



44482E



46483C

■ 434827

■ 474843

■ 42481F

■ 48484B

■ 404818

■ 4A4852

■ 3F4811

■ 4B4859

■ 3E480A

■ 4C4860

■ 3D4803

■ 4D4867

■ 3D4800

■ 4E486F

■ 4F4876

# Harmonies

## Analogous

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



4F4534



454835



3A4A3B

# Triad

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



454835



2F4A55



584048

# Complementary

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



454835



383548

# 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.



514151



454835



394859

# Square

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



454835



2C4B4E



464457



5A403F

# Rectangle

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



454835



344B41



464457



56404B



# Sweetspot

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



454835



5D5E57



483835



30302C



B0B0B0



303030



# Same Dimension

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



454835



5A5E40



3C4835



232420



546300



BFE300



# Inverse Universe

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



383548



45405E



413548



212024



100063



2400E3



# Previews

## White Background



This preview shows how the Hex color 454835 looks on a white background.

## Color Contrast Check

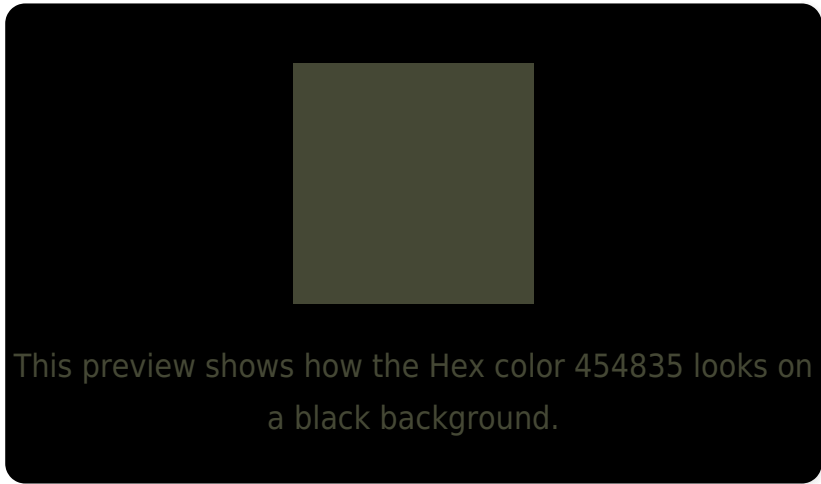
Large Text (above 18pt) WCAG AA ✓ Pass

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

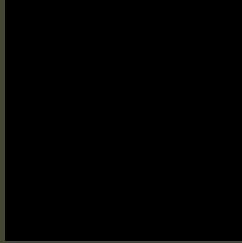
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

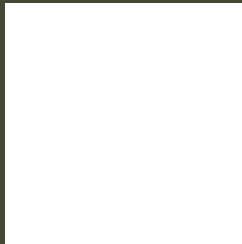
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 454835 Background



This preview shows how black text looks on a background with the Hex color 454835.

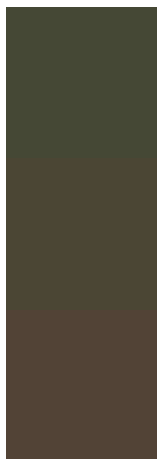


This preview shows how white text looks on a background with the Hex color 454835.

# 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**  
454835

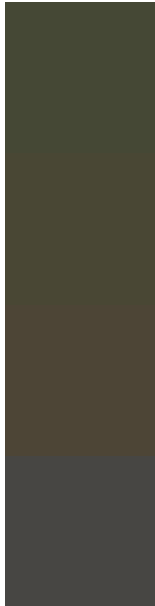
**Protanopia**  
4B4634

**Deuteranopia**  
524336



**Tritanopia**  
48454B

# Trichromacy



**Original Color**  
454835

**Protanomaly**  
494734

**Deuteranomaly**  
4D4536

**Tritanomaly**  
474643

# Monochromacy



**Original Color**  
454835

**Achromatopsia**  
454545

**Achromatomaly**  
45463F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 454835 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 #454835 looks like.

```
.text, #text, p{  
    color:#454835  
}
```

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 #454835 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #454835
}
```

## Border

The CSS property to change the border of an element to Hex 454835 is called "border". The border property can be set on classes, ids or directly on the HTML element.

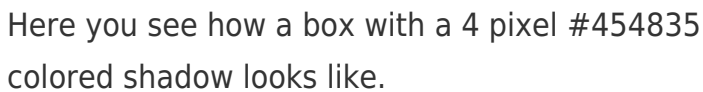
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#454835 }
```

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

```
.border{ border-color:#454835 }
```

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



Here you see how a box with a 4 pixel #454835 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #454835; -webkit-box-shadow:4px 4px  
4px 4px #454835; box-shadow:4px 4px 4px  
4px #454835 }
```

# Background

The CSS property to change the background color of an element to Hex 454835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#454835 }
```

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

```
.background{ background-color:#454835 }
```

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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