

# Converting Colors

Hex(464235)

Have a look what the booklet for  
Hex(464235) contains.

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# Color

Hex(464235)

# Conversions

## Conversions Part 1

Format	Color
Hex	464235
RGB	70, 66, 53
RGB Percent	27%, 26%, 21%
CMY	0.7255, 0.7412, 0.7922
CMYK	0.00, 0.06, 0.24, 0.73
HSL	46°, 14%, 24%
HSV	46°, 24%, 27%
XYZ	5.1166, 5.4556, 4.1515
YIQ	65.7140, 6.5570, -3.1950

# Conversions

## Conversions Part 2

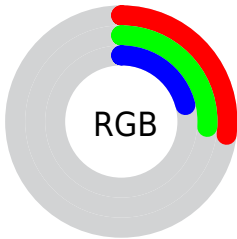
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	58, 70, 53
Decimal	4604469
CIE Lab	28.00, -0.84, 8.54
CIE LCh	28, 8.580, 95.630
Yxy	5.4556, 0.3475, 0.3705
Android (android.graphics.Color)	4282794549 (0xFF464235)
YUV	65.7140, -6.2680, 3.7588
Hunter-Lab	23.3571, -1.7729, 5.8118

# Details

The Hex color **464235** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **353946**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **767264**, and **1B1708** is the 20% darker color. If you saturate the color by 10%, you get **46402E**, and if you desaturate by 10%, it is **46443C**.

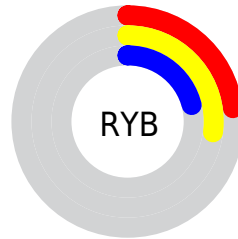
# Distribution



Red (27%)

Green (26%)

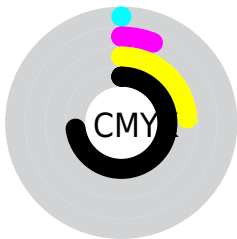
Blue (21%)



Red (23%)

Yellow (27%)

Blue (21%)

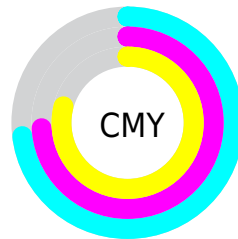


Cyan (0%)

Magenta (6%)

Yellow (24%)

Black (73%)



Cyan (73%)

Magenta (74%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 464235 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 464235 by changing the saturation by 10% instead.





464235



464235

FFFFFF



2F2C20



767264



1B1708



908B7D



000000



ABA696



C6C1B1



E2DDCD



FFF9E9



464235



464235



46402E



46443C

■ 463F27

■ 464543

■ 463D20

■ 46474A

■ 463B19

■ 464951

■ 463A12

■ 464A58

■ 46380B

■ 464C5F

■ 463604

■ 464E66

■ 463600

■ 464F6D

■ 465174

# Harmonies

## Analogous

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



4C4036



464235



3F4437

# Triad

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



464235



314649



4C3E48

# Complementary

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



464235



353946

# 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.



45404D



464235



35444E

# Square

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



464235



324643



3C424F



503D41

# Rectangle

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



464235



3A453A



3C424F



4A3F4A



# Sweetspot

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



464235



5C5A55



463539



2E2D2A



ADADAD



2E2E2E



# Same Dimension

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



464235



5C5641



424635



242320



634C00



E3AE00



# Inverse Universe

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



353946



41475C



393546



202124



001763



0035E3



# Previews

## White Background



This preview shows how the Hex color 464235 looks on a white background.

## Color Contrast Check

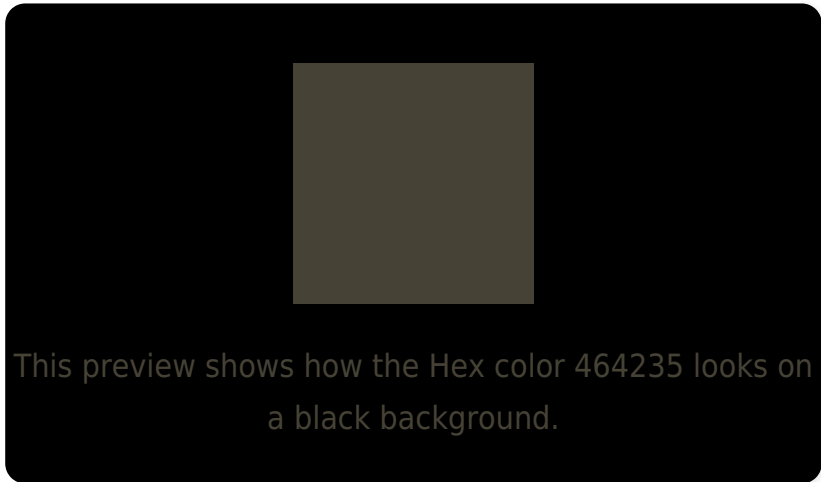
Large Text (above 18pt) WCAG AA ✓ Pass

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

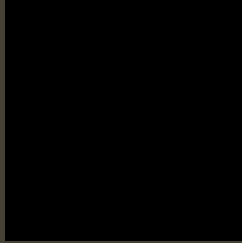
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 464235 Background



This preview shows how black text looks on a background with the Hex color 464235.

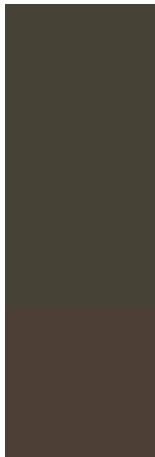


This preview shows how white text looks on a background with the Hex color 464235.

# 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**  
464235

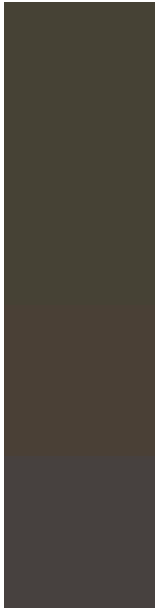
**Protanopia**  
464235

**Deuteranopia**  
4D3F36



**Tritanopia**  
484045

# Trichromacy



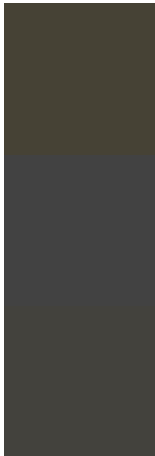
**Original Color**  
464235

**Protanomaly**  
464235

**Deuteranomaly**  
4A4036

**Tritanomaly**  
47413F

# Monochromacy



**Original Color**  
464235

**Achromatopsia**  
424242

**Achromatomaly**  
43423D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 464235 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 #464235 looks like.

```
.text, #text, p{  
    color:#464235  
}
```

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 #464235 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464235
}
```

## Border

The CSS property to change the border of an element to Hex 464235 is called "border". The border property can be set on classes, ids or directly on the HTML element.

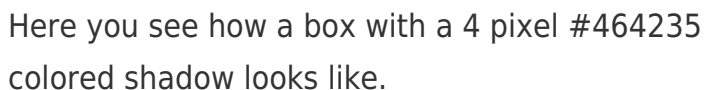
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#464235 }
```

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

```
.border{ border-color:#464235 }
```

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



Here you see how a box with a 4 pixel #464235 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464235; -webkit-box-shadow:4px 4px  
4px 4px #464235; box-shadow:4px 4px 4px  
4px #464235 }
```

# Background

The CSS property to change the background color of an element to Hex 464235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464235 }
```

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

```
.background{ background-color:#464235 }
```

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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