

# Converting Colors

Hex(4B5B3A)

Have a look what the booklet for  
Hex(4B5B3A) contains.

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# Color

Hex(4B5B3A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B5B3A
RGB	75, 91, 58
RGB Percent	29%, 36%, 23%
CMY	0.7059, 0.6431, 0.7725
CMYK	0.18, 0.00, 0.36, 0.64
HSL	89°, 22%, 29%
HSV	89°, 36%, 36%
XYZ	7.4065, 9.2835, 5.4045
YIQ	82.4540, 1.0570, -13.6550

# Conversions

## Conversions Part 2

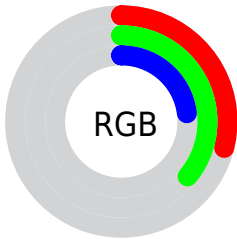
Format	Color
<b>RYB</b>	58, 91, 74
Decimal	4938554
CIELab	36.52, -12.84, 17.06
CIElCh	37, 21.348, 126.959
Yxy	9.2835, 0.3352, 0.4202
Android (android.graphics.Color)	4283128634 (0xFF4B5B3A)
YUV	82.4540, -12.0558, -6.5372
Hunter-Lab	30.4689, -9.9302, 10.8114

# Details

The Hex color **4B5B3A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4A3A5B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7C8D6A**, and **1E2D0F** is the 20% darker color. If you saturate the color by 10%, you get **475B31**, and if you desaturate by 10%, it is **4F5B43**.

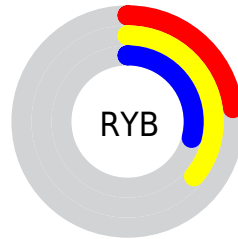
# Distribution



Red (29%)

Green (36%)

Blue (23%)



Red (23%)

Yellow (36%)

Blue (29%)

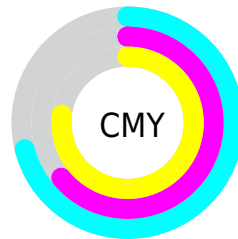


Cyan (18%)

Magenta (0%)

Yellow (36%)

Black (64%)



Cyan (71%)

Magenta (64%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B5B3A 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 4B5B3A by changing the saturation by 10% instead.





4B5B3A



4B5B3A

FFFFFF



344324



7C8D6A



1E2D0F



96A883



031900



B1C39D



000000



CDDFB8



E9FBD4



FFFFFF0



4B5B3A



4B5B3A



475B31



4F5B43

 425B28

 545B4C

 3E5B1F


 585B55

 395B16

 5D5B5E

 355B0C

 615B68

 315B03

 655B71

 2F5B00

 6A5B7A

 6E5B83

 735B8C

# Harmonies

## Analogous

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



5E5634



4B5B3A



365E48

# Triad

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



4B5B3A



295B75



774953

# Complementary

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



4B5B3A



4A3A5B

# 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.



6F4B64



4B5B3A



445678

# Square

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



4B5B3A



175E6A



5D5071



764B42

# Rectangle

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



4B5B3A



285F54



5D5071



764958



# Sweetspot

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



4B5B3A



6F7568



5B4A3A



373B33



BABABA



3B3B3B



# Same Dimension

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



4B5B3A



5C7542



3B5B3A



2C2E29



386E00



7AED00



# Inverse Universe

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



4A3A5B



5B4275



5A3A5B



2C292E



35006E

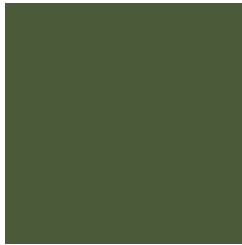


7300ED



# Previews

## White Background



This preview shows how the Hex color 4B5B3A looks on a white background.

## Color Contrast Check

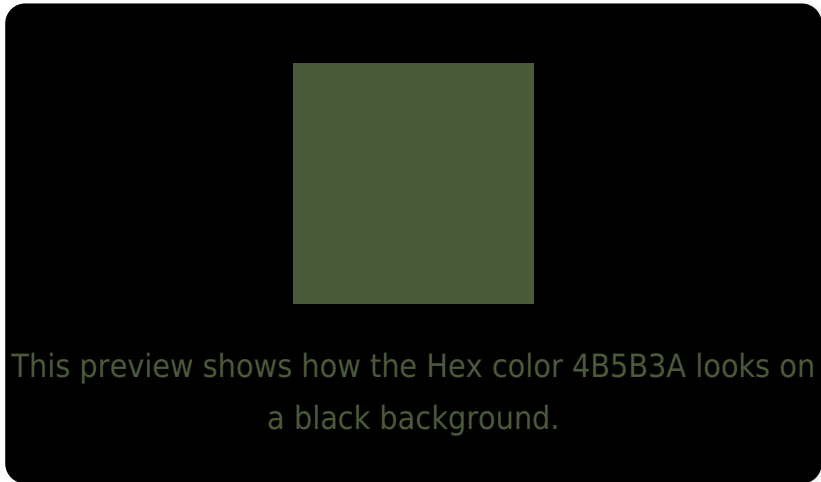
Large Text (above 18pt) WCAG AA ✓ Pass

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

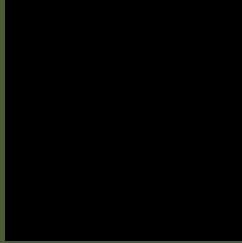
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B5B3A Background



This preview shows how black text looks on a background with the Hex color 4B5B3A.



This preview shows how white text looks on a background with the Hex color 4B5B3A.

# 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**  
4B5B3A

**Protanopia**  
5D5638

**Deuteranopia**  
66523C



**Tritanopia**  
50575E

# Trichromacy



**Original Color**  
4B5B3A

**Protanomaly**  
565839

**Deuteranomaly**  
5C553B

**Tritanomaly**  
4E5851

# Monochromacy



**Original Color**  
4B5B3A

**Achromatopsia**  
525252

**Achromatomaly**  
4F5549

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B5B3A 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 #4B5B3A looks like.

```
.text, #text, p{  
    color:#4B5B3A  
}
```

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 #4B5B3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B5B3A
}
```

## Border

The CSS property to change the border of an element to Hex 4B5B3A 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
#4B5B3A }
```

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

```
.border{ border-color:#4B5B3A }
```

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

Here you see how a box with a 4 pixel #4B5B3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B5B3A; -webkit-box-shadow:4px 4px  
4px 4px #4B5B3A; box-shadow:4px 4px 4px  
4px #4B5B3A }
```

# Background

The CSS property to change the background color of an element to Hex 4B5B3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B5B3A }
```

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

```
.background{ background-color:#4B5B3A }
```

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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