

# Converting Colors

Hex(4B5A57)

Have a look what the booklet for  
Hex(4B5A57) contains.

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# Color

Hex(4B5A57)

# Conversions

## Conversions Part 1

Format	Color
Hex	4B5A57
RGB	75, 90, 87
RGB Percent	29%, 35%, 34%
CMY	0.7059, 0.6471, 0.6588
CMYK	0.17, 0.00, 0.03, 0.65
HSL	168°, 9%, 32%
HSV	168°, 17%, 35%
XYZ	8.2781, 9.4963, 10.4135
YIQ	85.1730, -7.9770, -4.1130

# Conversions

## Conversions Part 2

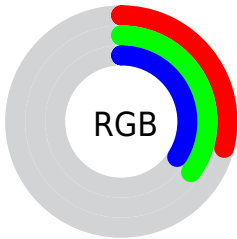
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 83, 90
Decimal	4938327
CIE Lab	36.92, -6.48, -0.22
CIE LCh	37, 6.486, 181.909
Yxy	9.4963, 0.2937, 0.3369
Android (android.graphics.Color)	4283128407 (0xFF4B5A57)
YUV	85.1730, 0.9007, -8.9217
Hunter-Lab	30.8161, -5.9777, 1.5357

# Details

The Hex color **4B5A57** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5A4B4E**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **7C8C89**, and **1F2C2A** is the 20% darker color. If you saturate the color by 10%, you get **425A55**, and if you desaturate by 10%, it is **545A59**.

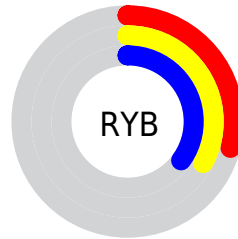
# Distribution



Red (29%)

Green (35%)

Blue (34%)



Red (29%)

Yellow (33%)

Blue (35%)

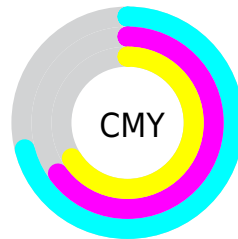


Cyan (17%)

Magenta (0%)

Yellow (3%)

Black (65%)



Cyan (71%)

Magenta (65%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B5A57 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 4B5A57 by changing the saturation by 10% instead.





4B5A57



4B5A57

FFFFFF



344340



7C8C89



1F2C2A



96A6A3



081815



B1C2BE



000000



CCDDDA



E8FAF6



4B5A57



4B5A57



425A55



545A59



395A53



5D5A5B

■ 305A52

■ 665A5C

■ 275A50

■ 6F5A5E

■ 1E5A4E

■ 785A60

■ 155A4C

■ 815A62

■ 0C5A4A

■ 8A5A64

■ 035A49

■ 935A65

■ 005A48

■ 9C5A67

# Harmonies

## Analogous

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



4F5952



4B5A57



4A5A5C

# Triad

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



4B5A57



585560



60554E

# Complementary

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



4B5A57



5A4B4E

# 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.



625452



4B5A57



5E545C

# Square

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



4B5A57



525761



625357



5B574D

# Rectangle

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



4B5A57



4B595F



625357



61544F



# Sweetspot

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



4B5A57



6F7574



4E5A4B



373B3A



BABABA



3B3B3B



# Same Dimension

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



4B5A57



5E7571



4B565A



292E2D



006E58



00EDBE



# Inverse Universe

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



5A4B4E



755E63



5A504B



2E292A



6E0016



ED002F



# Previews

## White Background



This preview shows how the Hex color 4B5A57 looks on a white background.

## Color Contrast Check

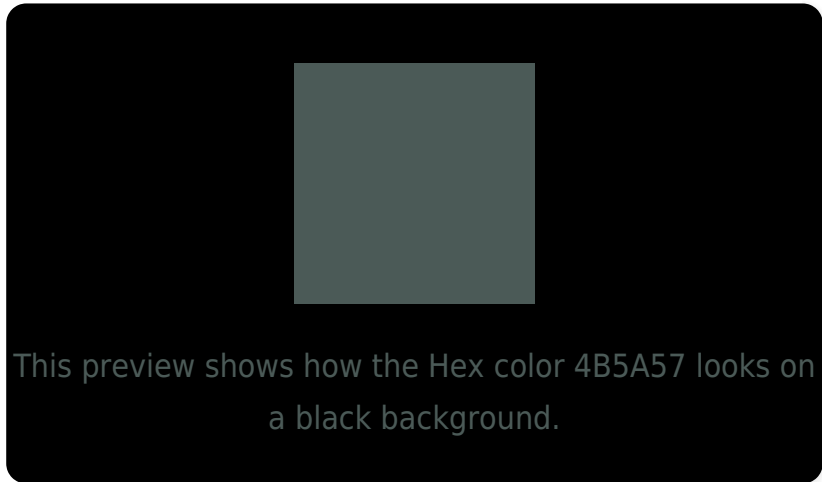
Large Text (above 18pt) WCAG AA ✓ Pass

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

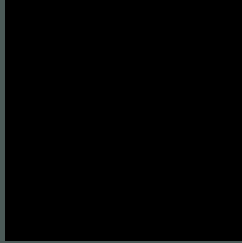
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B5A57 Background



This preview shows how black text looks on a background with the Hex color 4B5A57.



This preview shows how white text looks on a background with the Hex color 4B5A57.

# 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**  
4B5A57

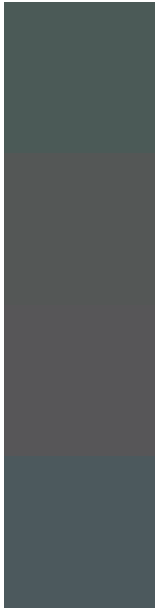
**Protanopia**  
595655

**Deuteranopia**  
5E5458



**Tritanopia**  
4D5960

# Trichromacy



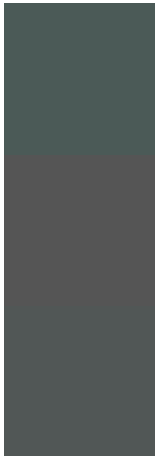
**Original Color**  
4B5A57

**Protanomaly**  
545756

**Deuteranomaly**  
575658

**Tritanomaly**  
4C595D

# Monochromacy



**Original Color**  
4B5A57

**Achromatopsia**  
555555

**Achromatomaly**  
515756

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B5A57 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 #4B5A57 looks like.

```
.text, #text, p{  
    color:#4B5A57  
}
```

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 #4B5A57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B5A57  
}
```

## Border

The CSS property to change the border of an element to Hex 4B5A57 is called "border". The border property can be set on classes, ids or directly on the HTML element.

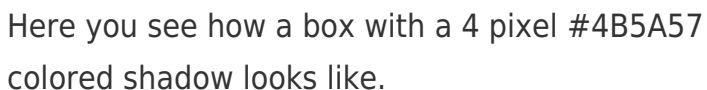
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4B5A57 }
```

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

```
.border{ border-color:#4B5A57 }
```

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



Here you see how a box with a 4 pixel #4B5A57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B5A57; -webkit-box-shadow:4px 4px  
4px 4px #4B5A57; box-shadow:4px 4px 4px  
4px #4B5A57 }
```

# Background

The CSS property to change the background color of an element to Hex 4B5A57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B5A57 }
```

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

```
.background{ background-color:#4B5A57 }
```

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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