

# Converting Colors

Hex(4B4E57)

Have a look what the booklet for  
Hex(4B4E57) contains.

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# Color

**Hex(4B4E57)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B4E57
RGB	75, 78, 87
RGB Percent	29%, 31%, 34%
CMY	0.7059, 0.6941, 0.6588
CMYK	0.14, 0.10, 0.00, 0.66
HSL	225°, 7%, 32%
HSV	225°, 14%, 34%
XYZ	7.3463, 7.6328, 10.1029
YIQ	78.1290, -4.6770, 2.1630

# Conversions

## Conversions Part 2

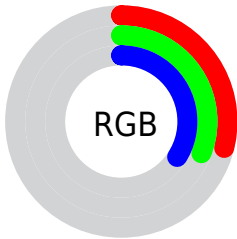
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 77, 87
Decimal	4935255
CIE Lab	33.21, 0.89, -5.71
CIE LCh	33, 5.775, 278.859
Yxy	7.6328, 0.2929, 0.3043
Android (android.graphics.Color)	4283125335 (0xFF4B4E57)
YUV	78.1290, 4.3734, -2.7441
Hunter-Lab	27.6274, -0.8836, -2.3422

# Details

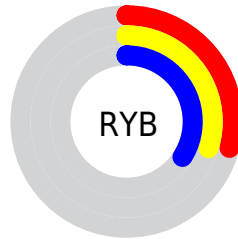
The Hex color **4B4E57** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **57544B**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **7C7F89**, and **1F222A** is the 20% darker color. If you saturate the color by 10%, you get **424757**, and if you desaturate by 10%, it is **545557**.

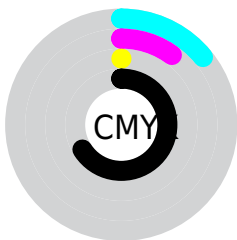
# Distribution



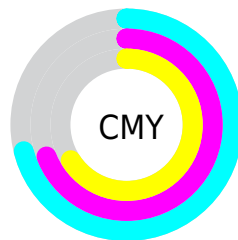
- Red (29%)
- Green (31%)
- Blue (34%)



- Red (29%)
- Yellow (30%)
- Blue (34%)



- Cyan (14%)
- Magenta (10%)
- Yellow (0%)
- Black (66%)



- Cyan (71%)
- Magenta (69%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B4E57 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 4B4E57 by changing the saturation by 10% instead.





4B4E57



4B4E57

FFFFFF



343740



7C7F89



1F222A



9699A3



070B16



B0B4BE



000000



CCCFDA



E8EBF6



4B4E57



4B4E57



424757



545557



3A4157



5C5B57

■ 313A57

■ 656257

■ 283457

■ 6E6857

■ 202D57

■ 776F57

■ 172757

■ 7F7557

■ 0E2057

■ 887C57

■ 051A57

■ 918257

■ 001657

■ 998957

# Harmonies

## Analogous

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



464F56



4B4E57



514D55

# Triad

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



4B4E57



584C49



46514B

# Complementary

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



4B4E57



57544B

# 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.



4B5047



4B4E57



554D46

# Square

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



4B4E57



584B4D



504E45



43514F

# Rectangle

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



4B4E57



544C53



504E45



485049



# Sweetspot

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



4B4E57



6C6D70



4B5754



353638



B8B8B8



383838



# Same Dimension

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



4B4E57



5D6270



4E4B57



27282B



001B6B



003BEB



# Inverse Universe

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



574B4E



705D62



54574B



2B2728



6B001B

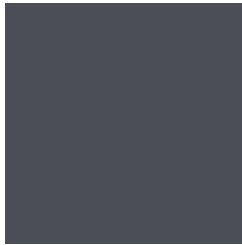


EB003B



# Previews

## White Background



This preview shows how the Hex color 4B4E57 looks on a white background.

## Color Contrast Check

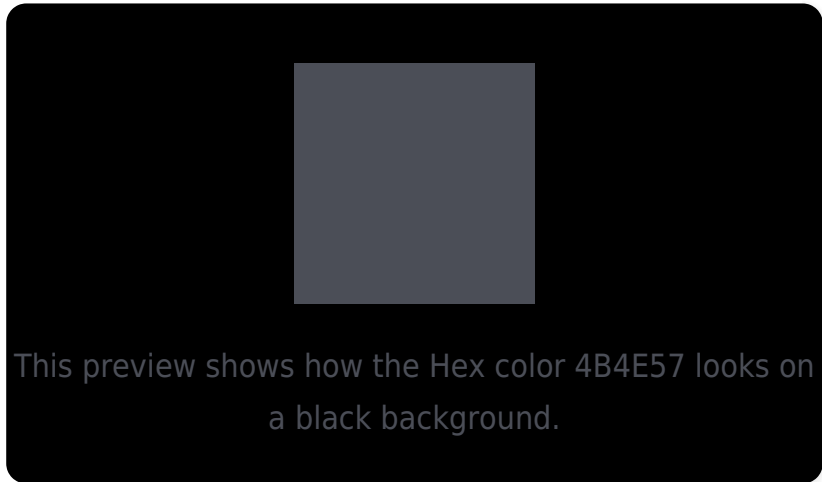
Large Text (above 18pt) WCAG AA ✓ Pass

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

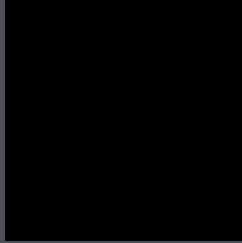
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

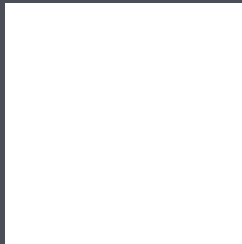
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4B4E57 Background



This preview shows how black text looks on a background with the Hex color 4B4E57.



This preview shows how white text looks on a background with the Hex color 4B4E57.

# 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**

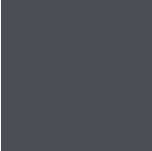
4B4E57

**Protanopia**

4D4D57

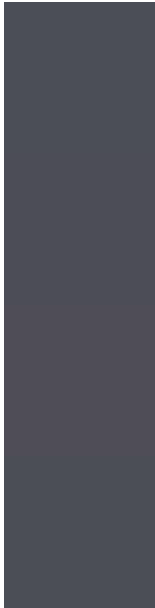
**Deuteranopia**

514C57



**Tritanopia**  
4B4E55

# Trichromacy



**Original Color**

4B4E57

**Protanomaly**

4C4D57

**Deuteranomaly**

4F4D57

**Tritanomaly**

4B4E56

# Monochromacy



**Original Color**

4B4E57

**Achromatopsia**

4E4E4E

**Achromatomaly**

4D4E51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B4E57 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 #4B4E57 looks like.

```
.text, #text, p{  
    color:#4B4E57  
}
```

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 #4B4E57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B4E57
}
```

## Border

The CSS property to change the border of an element to Hex 4B4E57 is called "border". The border property can be set on classes, ids or directly on the HTML element.

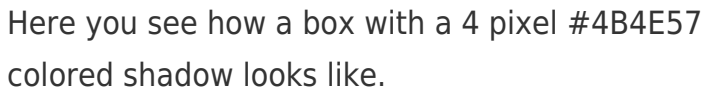
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B4E57 }
```

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

```
.border{ border-color:#4B4E57 }
```

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



Here you see how a box with a 4 pixel #4B4E57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B4E57; -webkit-box-shadow:4px 4px  
4px 4px #4B4E57; box-shadow:4px 4px 4px  
4px #4B4E57 }
```

# Background

The CSS property to change the background color of an element to Hex 4B4E57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B4E57 }
```

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

```
.background{ background-color:#4B4E57 }
```

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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