

# Converting Colors

Hex(4B5E47)

Have a look what the booklet for  
Hex(4B5E47) contains.

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# Color

Hex(4B5E47)

# Conversions

## Conversions Part 1

Format	Color
Hex	4B5E47
RGB	75, 94, 71
RGB Percent	29%, 37%, 28%
CMY	0.7059, 0.6314, 0.7216
CMYK	0.20, 0.00, 0.24, 0.63
HSL	110°, 14%, 32%
HSV	110°, 24%, 37%
XYZ	8.0417, 9.9562, 7.4591
YIQ	85.6970, -3.9410, -11.1810

# Conversions

## Conversions Part 2

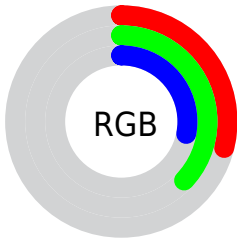
Format	Color
<b>RYB</b>	71, 94, 90
Decimal	4939335
CIELab	37.76, -12.24, 10.86
CIELCh	38, 16.362, 138.411
Yxy	9.9562, 0.3159, 0.3911
Android (android.graphics.Color)	4283129415 (0xFF4B5E47)
YUV	85.6970, -7.2456, -9.3813
Hunter-Lab	31.5534, -9.7261, 8.0714

# Details

The Hex color **4B5E47** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5A475E**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **7C9077**, and **1E301B** is the 20% darker color. If you saturate the color by 10%, you get **435E3E**, and if you desaturate by 10%, it is **535E50**.

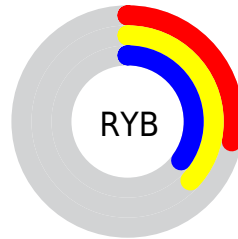
# Distribution



Red (29%)

Green (37%)

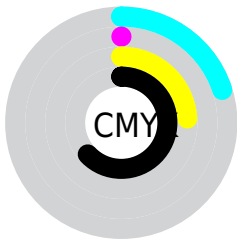
Blue (28%)



Red (28%)

Yellow (37%)

Blue (35%)

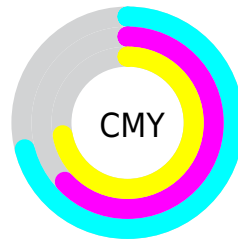


Cyan (20%)

Magenta (0%)

Yellow (24%)

Black (63%)



Cyan (71%)

Magenta (63%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B5E47 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 4B5E47 by changing the saturation by 10% instead.





4B5E47



4B5E47

FFFFFF



344631



7C9077



1E301B



96AB91



091B01



B1C6AC



000000



CCE2C7



E9FFE3



4B5E47



4B5E47



435E3E



535E50



3B5E34



5B5E5A

■ 345E2B

■ 625E63

■ 2C5E21

■ 6A5E6D

■ 245E18

■ 725E76

■ 1C5E0F

■ 7A5E7F

■ 155E05

■ 815E89

■ 105E00

■ 895E92

■ 915E9C

# Harmonies

## Analogous

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



5A5B40



4B5E47



3C6053

# Triad

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



4B5E47



415C72



744F51

# Complementary

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



4B5E47



5A475E

# 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.



70505F



4B5E47



545772

# Square

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



4B5E47



345F6C



65536B



705246

# Rectangle

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



4B5E47



35605C



65536B



734F56



# Sweetspot

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



4B5E47



737A72



5E5A47



393D38



BDBDBD



3D3D3D



# Same Dimension

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



4B5E47



5D7A57



475E4E



2A2E29



136E00



29ED00



# Inverse Universe

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



5A475E



74577A



5E4757



2D292E



5B006E

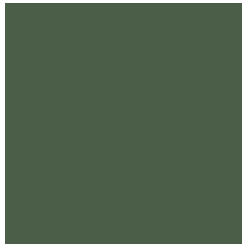


C400ED



# Previews

## White Background



This preview shows how the Hex color 4B5E47 looks on a white background.

## Color Contrast Check

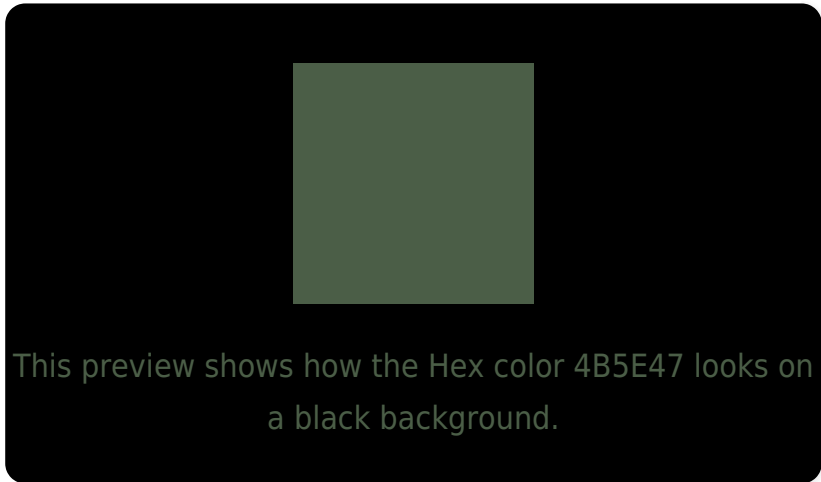
Large Text (above 18pt) WCAG AA ✓ Pass

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

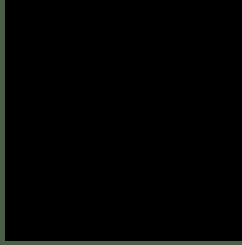
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B5E47 Background



This preview shows how black text looks on a background with the Hex color 4B5E47.



This preview shows how white text looks on a background with the Hex color 4B5E47.

# 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**  
4B5E47

**Protanopia**  
5F5944

**Deuteranopia**  
675549



**Tritanopia**  
4F5A62

# Trichromacy



**Original Color**  
4B5E47

**Protanomaly**  
585B45

**Deuteranomaly**  
5D5848

**Tritanomaly**  
4E5B58

# Monochromacy



**Original Color**  
4B5E47

**Achromatopsia**  
565656

**Achromatomaly**  
525951

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B5E47 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 #4B5E47 looks like.

```
.text, #text, p{  
    color:#4B5E47  
}
```

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 #4B5E47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B5E47
}
```

## Border

The CSS property to change the border of an element to Hex 4B5E47 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
#4B5E47 }
```

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

```
.border{ border-color:#4B5E47 }
```

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

Here you see how a box with a 4 pixel #4B5E47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B5E47; -webkit-box-shadow:4px 4px  
4px 4px #4B5E47; box-shadow:4px 4px 4px  
4px #4B5E47 }
```

# Background

The CSS property to change the background color of an element to Hex 4B5E47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B5E47 }
```

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

```
.background{ background-color:#4B5E47 }
```

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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