

Converting Colors

Hex(4B5247)

Have a look what the booklet for
Hex(4B5247) contains.

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Color

Hex(4B5247)

Conversions

Conversions Part 1

Format	Color
Hex	4B5247
RGB	75, 82, 71
RGB Percent	29%, 32%, 28%
CMY	0.7059, 0.6784, 0.7216
CMYK	0.09, 0.00, 0.13, 0.68
HSL	98°, 7%, 30%
HSV	98°, 13%, 32%
XYZ	7.0563, 7.9854, 7.1307
YIQ	78.6530, -0.6410, -4.9050

Conversions

Conversions Part 2

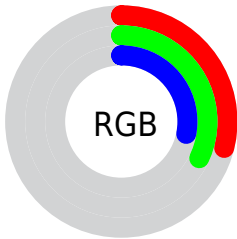
Format	Color
R_{YB}	71, 82, 78
Decimal	4936263
CIE Lab	33.95, -5.17, 5.51
CIE LCh	34, 7.554, 133.174
Yxy	7.9854, 0.3182, 0.3602
Android (android.graphics.Color)	4283126343 (0xFF4B5247)
YUV	78.6530, -3.7729, -3.2037
Hunter-Lab	28.2584, -4.8798, 4.8198

Details

The Hex color **4B5247** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4E4752**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **7C8377**, and **1F251C** is the 20% darker color. If you saturate the color by 10%, you get **46523F**, and if you desaturate by 10%, it is **50524F**.

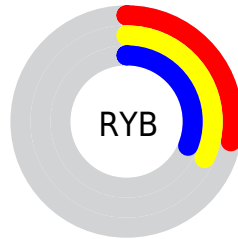
Distribution



Red (29%)

Green (32%)

Blue (28%)



Red (28%)

Yellow (32%)

Blue (31%)

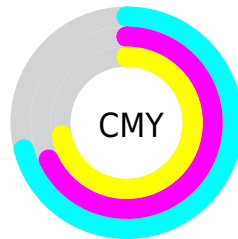


Cyan (9%)

Magenta (0%)

Yellow (13%)

Black (68%)



Cyan (71%)

Magenta (68%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B5247 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 4B5247 by changing the saturation by 10% instead.

 4B5247

 4B5247

FFFFFF

 343B31

 7C8377

 1F251C

 969D91

 071101

 B0B8AC

 000000

 CCD4C7


 E8F0E3

 4B5247

 4B5247

 46523F

 50524F

 415237

 555257

■ 3B522E

■ 5B5260

■ 365226

■ 605268

■ 31521E

■ 655270

■ 2C5216

■ 6A5278

■ 26520E

■ 705280

■ 215205

■ 755289

■ 1E5200

■ 7A5291

Harmonies

Analogous

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



525044



4B5247



45534C

Triad

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



4B5247



46515B



5D4C4D

Complementary

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



4B5247



4E4752

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.



5A4C53



4B5247



4D4F5B

Square

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



4B5247



415358



544D59



5C4D48

Rectangle

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



4B5247



425350



544D59



5C4C4F

Sweetspot

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



4B5247



686B67



524E47



343633



B5B5B5



363636

Same Dimension

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



4B5247



606B5A



475248



262925



266900



54E800

Inverse Universe

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



4E4752



655A6B



524751



272529



430069



9400E8

Previews

White Background



This preview shows how the Hex color 4B5247 looks on a white background.

Color Contrast Check

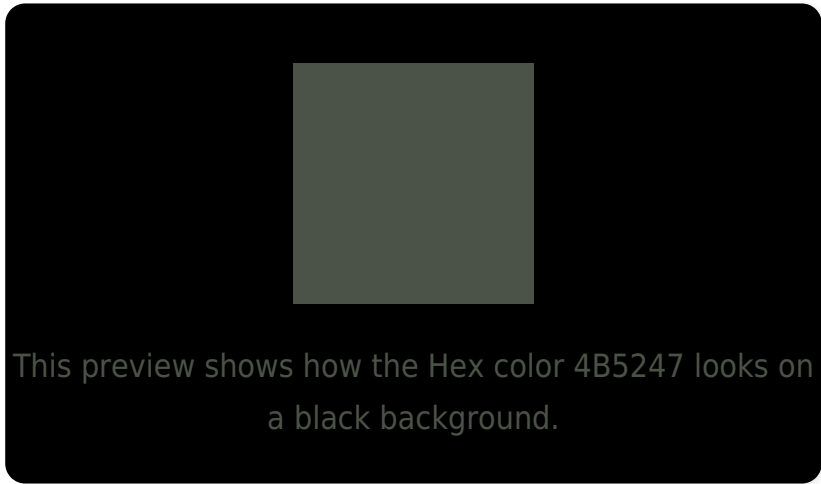
Large Text (above 18pt) WCAG AA ✓ Pass

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

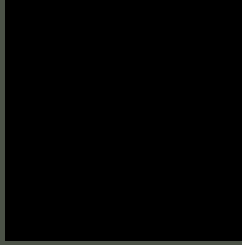
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

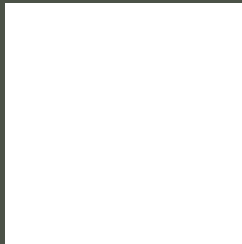
Any Text WCAG AAA × Fail

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

Hex 4B5247 Background



This preview shows how black text looks on a background with the Hex color 4B5247.



This preview shows how white text looks on a background with the Hex color 4B5247.

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
4B5247

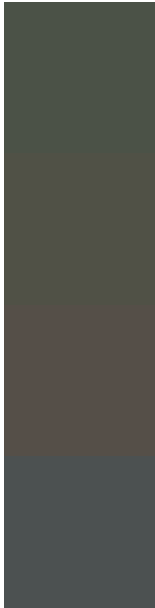
Protanopia
535046

Deuteranopia
5A4D48



Tritanopia
4D5056

Trichromacy



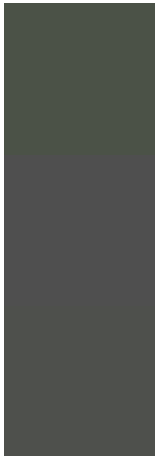
Original Color
4B5247

Protanomaly
505146

Deuteranomaly
554F48

Tritanomaly
4C5151

Monochromacy



Original Color
4B5247

Achromatopsia
4F4F4F

Achromatomaly
4E504C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B5247 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 #4B5247 looks like.

```
.text, #text, p{  
    color:#4B5247  
}
```

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 #4B5247 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B5247
}
```

Border

The CSS property to change the border of an element to Hex 4B5247 is called "border". The border property can be set on classes, ids or directly on the HTML element.

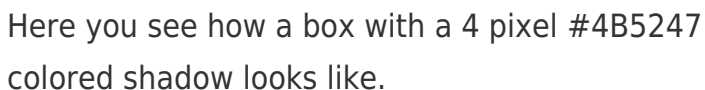
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B5247 }
```

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

```
.border{ border-color:#4B5247 }
```

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



Here you see how a box with a 4 pixel #4B5247 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B5247; -webkit-box-shadow:4px 4px  
4px 4px #4B5247; box-shadow:4px 4px 4px  
4px #4B5247 }
```

Background

The CSS property to change the background color of an element to Hex 4B5247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B5247 }
```

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

```
.background{ background-color:#4B5247 }
```

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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