

Converting Colors

Hex(4B5853)

Have a look what the booklet for
Hex(4B5853) contains.

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Color

Hex(4B5853)

Conversions

Conversions Part 1

Format	Color
Hex	4B5853
RGB	75, 88, 83
RGB Percent	29%, 35%, 33%
CMY	0.7059, 0.6549, 0.6745
CMYK	0.15, 0.00, 0.06, 0.65
HSL	157°, 8%, 32%
HSV	157°, 15%, 35%
XYZ	7.9527, 9.0998, 9.5209
YIQ	83.5430, -6.1430, -4.3110

Conversions

Conversions Part 2

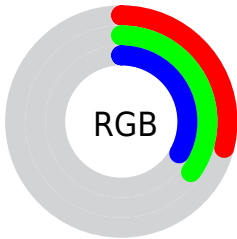
Format	Color
R_{YB}	75, 83, 88
Decimal	4937811
CIE Lab	36.18, -6.21, 1.19
CIE LCh	36, 6.318, 169.166
Yxy	9.0998, 0.2993, 0.3424
Android (android.graphics.Color)	4283127891 (0xFF4B5853)
YUV	83.5430, -0.2677, -7.4922
Hunter-Lab	30.1659, -5.7321, 2.4032

Details

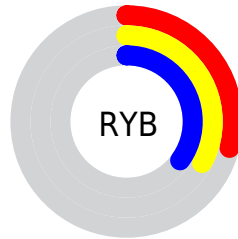
The Hex color **4B5853** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **584B50**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **7C8A84**, and **1F2B26** is the 20% darker color. If you saturate the color by 10%, you get **425850**, and if you desaturate by 10%, it is **545856**.

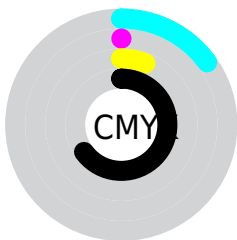
Distribution



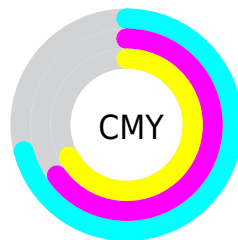
- Red (29%)
- Green (35%)
- Blue (33%)



- Red (29%)
- Yellow (33%)
- Blue (35%)



- Cyan (15%)
- Magenta (0%)
- Yellow (6%)
- Black (65%)



- Cyan (71%)
- Magenta (65%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B5853 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 4B5853 by changing the saturation by 10% instead.

 4B5853

 4B5853

FFFFFF

 34413C

 7C8A84

 1F2B26

 96A49E

 081612

 B0BFB9

 000000

 CCDBD5

 E8F8F1

 4B5853

 4B5853

 425850

 545856

 39584C

 5D585A

■ 315849

■ 65585D

■ 285845

■ 6E5861

■ 1F5842

■ 775864

■ 16583F

■ 805867

■ 0D583B

■ 89586B

■ 055838

■ 91586E

■ 005836

■ 9A5871

Harmonies

Analogous

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



50574E



4B5853



495858

Triad

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



4B5853



54545F



5F534E

Complementary

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



4B5853



584B50

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.



605252



4B5853



5A535C

Square

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



4B5853



4E565F



5E5257



5B544B

Rectangle

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



4B5853



49585B



5E5257



60524F

Sweetspot

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



4B5853



6E7371



50584B



383B3A



BABABA



3B3B3B

Same Dimension

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



4B5853



5E736B



4B5758



272B2A



006B42



00EB90

Inverse Universe

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



584B50



735E66



584C4B



2B2729



6B0029



EB005A

Previews

White Background



This preview shows how the Hex color 4B5853 looks on a white background.

Color Contrast Check

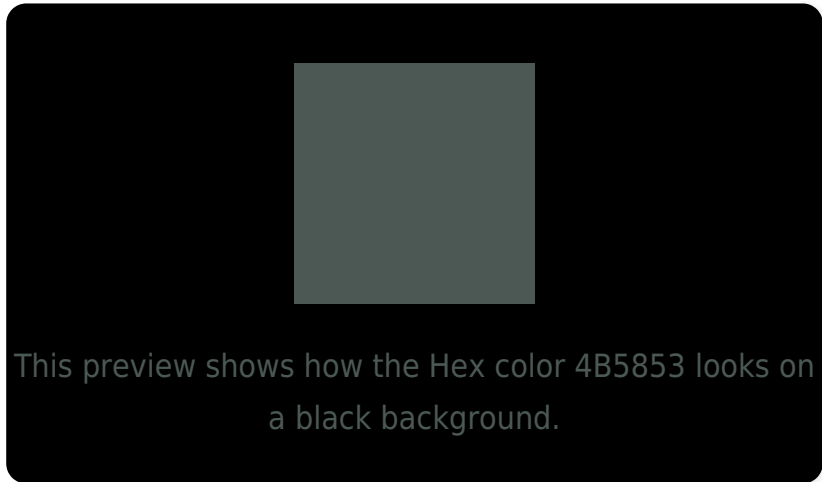
Large Text (above 18pt) WCAG AA ✓ Pass

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

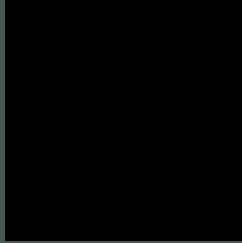
Any Text WCAG AA × Fail

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 4B5853 Background



This preview shows how black text looks on a background with the Hex color 4B5853.



This preview shows how white text looks on a background with the Hex color 4B5853.

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](#).

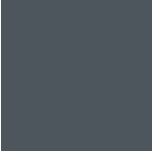
Dichromacy



Original Color
4B5853

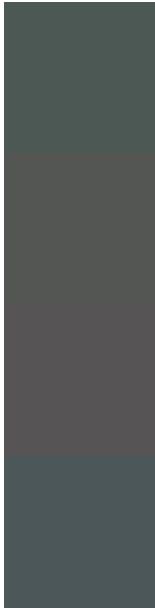
Protanopia
575551

Deuteranopia
5D5254



Tritanopia
4D565D

Trichromacy



Original Color

4B5853

Protanomaly

535652

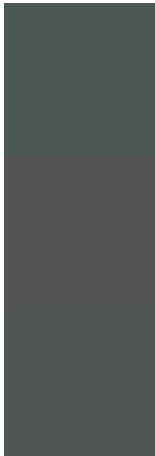
Deuteranomaly

565454

Tritanomaly

4C5759

Monochromacy



Original Color

4B5853

Achromatopsia

545454

Achromatomaly

515554

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B5853 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 #4B5853 looks like.

```
.text, #text, p{  
    color:#4B5853  
}
```

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 #4B5853 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B5853
}
```

Border

The CSS property to change the border of an element to Hex 4B5853 is called "border". The border property can be set on classes, ids or directly on the HTML element.

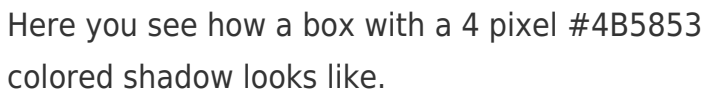
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B5853 }
```

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

```
.border{ border-color:#4B5853 }
```

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



Here you see how a box with a 4 pixel #4B5853 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B5853; -webkit-box-shadow:4px 4px  
4px 4px #4B5853; box-shadow:4px 4px 4px  
4px #4B5853 }
```

Background

The CSS property to change the background color of an element to Hex 4B5853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B5853 }
```

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

```
.background{ background-color:#4B5853 }
```

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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