

Converting Colors

Hex(4B6A53)

Have a look what the booklet for
Hex(4B6A53) contains.

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Color

Hex(4B6A53)

Conversions

Conversions Part 1

Format	Color
Hex	4B6A53
RGB	75, 106, 83
RGB Percent	29%, 42%, 33%
CMY	0.7059, 0.5843, 0.6745
CMYK	0.29, 0.00, 0.22, 0.58
HSL	135°, 17%, 35%
HSV	135°, 29%, 42%
XYZ	9.6170, 12.4285, 10.0757
YIQ	94.1090, -11.0930, -13.7250

Conversions

Conversions Part 2

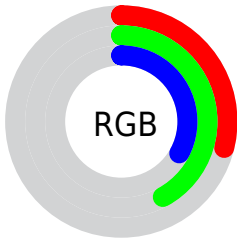
Format	Color
RYB	75, 100, 106
Decimal	4942419
CIELab	41.89, -16.53, 9.35
CIELCh	42, 18.991, 150.518
Yxy	12.4285, 0.2994, 0.3869
Android (android.graphics.Color)	4283132499 (0xFF4B6A53)
YUV	94.1090, -5.4767, -16.7586
Hunter-Lab	35.2540, -13.0011, 7.7326

Details

The Hex color **4B6A53** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A4B62**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7D9D84**, and **1D3B26** is the 20% darker color. If you saturate the color by 10%, you get **406A4B**, and if you desaturate by 10%, it is **566A5B**.

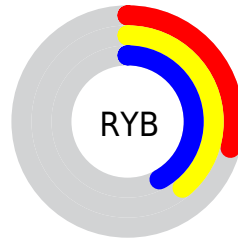
Distribution



Red (29%)

Green (42%)

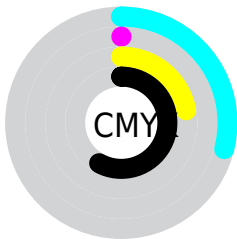
Blue (33%)



Red (29%)

Yellow (39%)

Blue (42%)

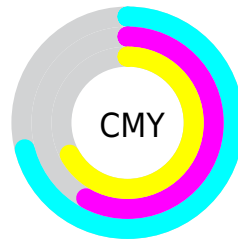


Cyan (29%)

Magenta (0%)

Yellow (22%)

Black (58%)



Cyan (71%)

Magenta (58%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B6A53 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 4B6A53 by changing the saturation by 10% instead.



4B6A53



4B6A53

FFFFFF



34523C



7D9D84



1D3B26



97B89F



072512



B2D4BA



000D00



CDF1D5



000000



EAFF2



4B6A53



4B6A53



406A4B



566A5B



366A43



606A63

■ 2B6A3B

■ 6B6A6B

■ 216A34

■ 756A72

■ 166A2C

■ 806A7A

■ 0B6A24

■ 8B6A82

■ 016A1C

■ 956A8A

■ 006A1B

■ A06A92

■ AA6A9A

Harmonies

Analogous

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



5D6748



4B6A53



3A6C63

Triad

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



4B6A53



4F6482



825954

Complementary

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



4B6A53



6A4B62

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.



815763



4B6A53



655F7E

Square

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



4B6A53



3B697E



775A72



7B5D48

Rectangle

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



4B6A53



336B6D



775A72



825859

Sweetspot

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



4B6A53



7D8A81



626A4B



3D453F



C4C4C4



454545

Same Dimension

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



4B6A53



5A8A66



4B6A62



303632



00751E



00F53F

Inverse Universe

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



6A4B62



8A5A7D



6A4B53



363034



750057



F500B6

Previews

White Background



This preview shows how the Hex color 4B6A53 looks on a white background.

Color Contrast Check

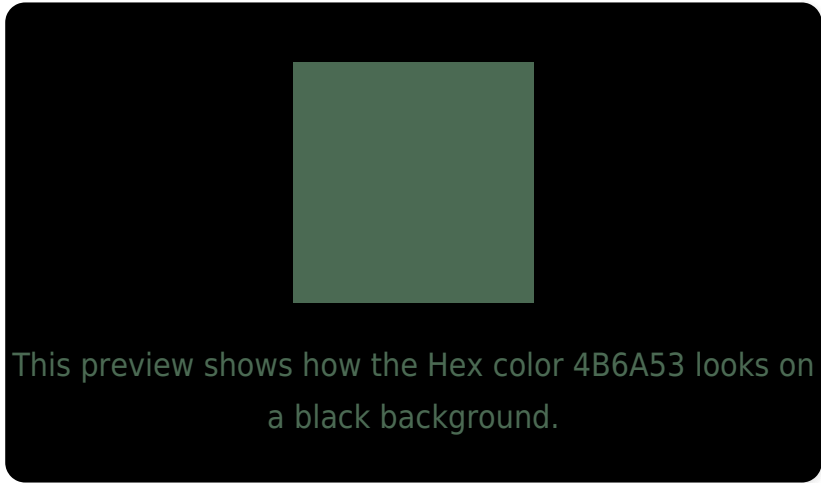
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

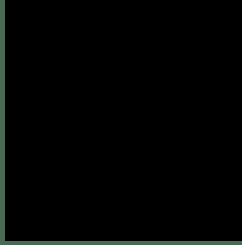
Any Text WCAG AA × Fail

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 4B6A53 Background



This preview shows how black text looks on a background with the Hex color 4B6A53.



This preview shows how white text looks on a background with the Hex color 4B6A53.

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
4B6A53

Protanopia
69624F

Deuteranopia
715F55



Tritanopia
50666E

Trichromacy



Original Color

4B6A53

Protanomaly

5E6550

Deuteranomaly

636354

Tritanomaly

4E6764

Monochromacy



Original Color

4B6A53

Achromatopsia

5E5E5E

Achromatomaly

57625A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B6A53 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 #4B6A53 looks like.

```
.text, #text, p{  
    color:#4B6A53  
}
```

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 #4B6A53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B6A53
}
```

Border

The CSS property to change the border of an element to Hex 4B6A53 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".

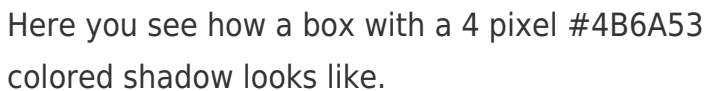
```
.border, #border, table{ border:4px solid
#4B6A53 }
```

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

```
.border{ border-color:#4B6A53 }
```

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

Here you see how a box with a 4 pixel #4B6A53 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B6A53; -webkit-box-shadow:4px 4px  
4px 4px #4B6A53; box-shadow:4px 4px 4px  
4px #4B6A53 }
```

Background

The CSS property to change the background color of an element to Hex 4B6A53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B6A53 }
```

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

```
.background{ background-color:#4B6A53 }
```

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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