

Converting Colors

Hex(4B6443)

Have a look what the booklet for
Hex(4B6443) contains.

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Color

Hex(4B6443)

Conversions

Conversions Part 1

Format	Color
Hex	4B6443
RGB	75, 100, 67
RGB Percent	29%, 39%, 26%
CMY	0.7059, 0.6078, 0.7373
CMYK	0.25, 0.00, 0.33, 0.61
HSL	105°, 20%, 33%
HSV	105°, 33%, 39%
XYZ	8.4719, 11.0154, 6.9899
YIQ	88.7630, -4.3070, -15.5630

Conversions

Conversions Part 2

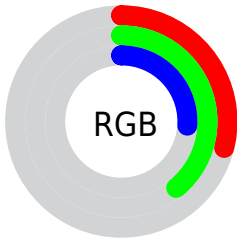
Format	Color
RYB	67, 100, 92
Decimal	4940867
CIELab	39.61, -16.33, 15.79
CIELCh	40, 22.719, 135.967
Yxy	11.0154, 0.3200, 0.4160
Android (android.graphics.Color)	4283130947 (0xFF4B6443)
YUV	88.7630, -10.7292, -12.0702
Hunter-Lab	33.1895, -12.5179, 10.7459

Details

The Hex color **4B6443** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5C4364**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **7C9773**, and **1E3517** is the 20% darker color. If you saturate the color by 10%, you get **436439**, and if you desaturate by 10%, it is **53644D**.

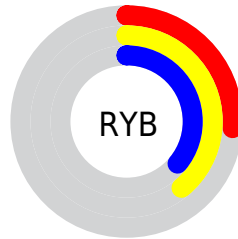
Distribution



Red (29%)

Green (39%)

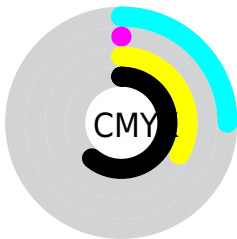
Blue (26%)



Red (26%)

Yellow (39%)

Blue (36%)

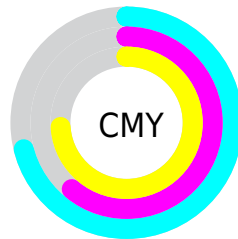


Cyan (25%)

Magenta (0%)

Yellow (33%)

Black (61%)



Cyan (71%)

Magenta (61%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B6443 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 4B6443 by changing the saturation by 10% instead.

 4B6443

 4B6443

FFFFFF

 344C2D

 7C9773

 1E3517

 97B28D

 0A2000

 B1CDA7

 000000

 CDE9C3

 E9FFDF

 FFFFFB

 4B6443

 4B6443

 436439

 53644D

■ 3C642F

■ 5A6457

■ 346425

■ 626461

■ 2D641B

■ 69646B

■ 256411

■ 716475

■ 1E6407

■ 78647F

■ 186400

■ 806489

■ 886493

■ 8F649D

Harmonies

Analogous

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



605F39



4B6443



346754

Triad

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



4B6443



356281



824F54

Complementary

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



4B6443



5C4364

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.



7C5067



4B6443



535C81

Square

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



4B6443



1C6677



6C5577



7E5344

Rectangle

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



4B6443



256760



6C5577



814F5A

Sweetspot

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



4B6443



788275



645C43



3C423A



C2C2C2



424242

Same Dimension

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



4B6443



5B824E



43644B



2F332E



1C7300



3BF200

Inverse Universe

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



5C4364



754E82



64435C



322E33



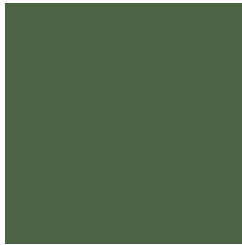
570073



B800F2

Previews

White Background



This preview shows how the Hex color 4B6443 looks on a white background.

Color Contrast Check

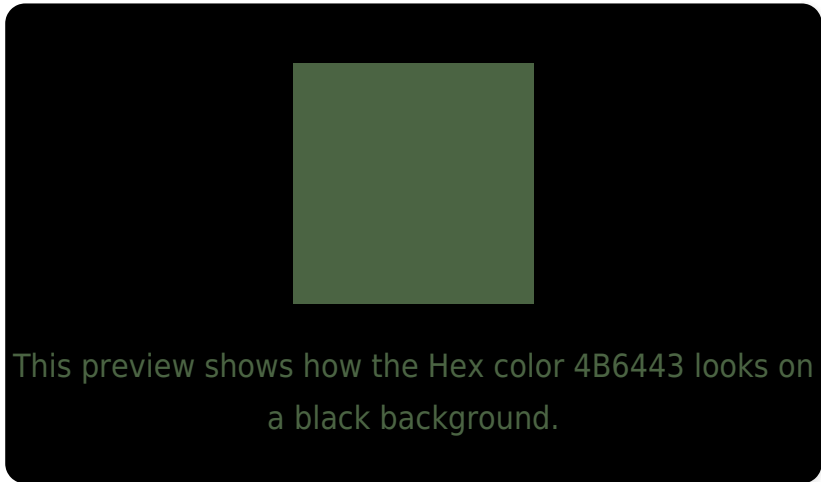
Large Text (above 18pt) WCAG AA ✓ Pass

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

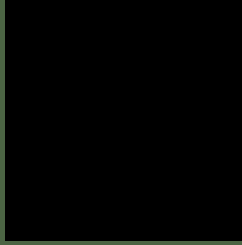
Any Text WCAG AA × Fail

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 4B6443 Background



This preview shows how black text looks on a background with the Hex color 4B6443.



This preview shows how white text looks on a background with the Hex color 4B6443.

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
4B6443

Protanopia
655D40

Deuteranopia
6E5945



Tritanopia
515F67

Trichromacy



Original Color
4B6443

Protanomaly
5C6041

Deuteranomaly
615D44

Tritanomaly
4F615A

Monochromacy



Original Color
4B6443

Achromatopsia
595959

Achromatomaly
545D51

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B6443 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 #4B6443 looks like.

```
.text, #text, p{  
    color:#4B6443  
}
```

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 #4B6443 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B6443
}
```

Border

The CSS property to change the border of an element to Hex 4B6443 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".

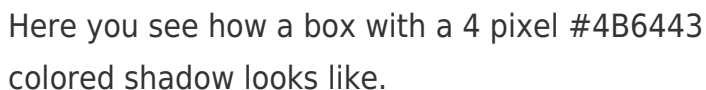
```
.border, #border, table{ border:4px solid
#4B6443 }
```

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

```
.border{ border-color:#4B6443 }
```

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

Here you see how a box with a 4 pixel #4B6443 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B6443; -webkit-box-shadow:4px 4px  
4px 4px #4B6443; box-shadow:4px 4px 4px  
4px #4B6443 }
```

Background

The CSS property to change the background color of an element to Hex 4B6443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B6443 }
```

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

```
.background{ background-color:#4B6443 }
```

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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