

Converting Colors

Hex(4B6D36)

Have a look what the booklet for
Hex(4B6D36) contains.

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Color

Hex(4B6D36)

Conversions

Conversions Part 1

Format	Color
Hex	4B6D36
RGB	75, 109, 54
RGB Percent	29%, 43%, 21%
CMY	0.7059, 0.5725, 0.7882
CMYK	0.31, 0.00, 0.50, 0.57
HSL	97°, 34%, 32%
HSV	97°, 50%, 43%
XYZ	9.0361, 12.6995, 5.4650
YIQ	92.5640, -2.6090, -24.3130

Conversions

Conversions Part 2

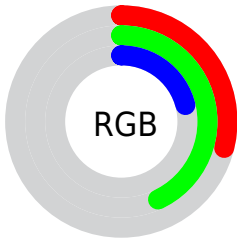
Format	Color
RYB	54, 109, 88
Decimal	4943158
CIELab	42.31, -23.12, 26.75
CIELCh	42, 35.361, 130.834
Yxy	12.6995, 0.3322, 0.4669
Android (android.graphics.Color)	4283133238 (0xFF4B6D36)
YUV	92.5640, -19.0121, -15.4036
Hunter-Lab	35.6363, -17.1021, 15.8530

Details

The Hex color **4B6D36** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **58366D**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7DA166**, and **1B3D08** is the 20% darker color. If you saturate the color by 10%, you get **446D2B**, and if you desaturate by 10%, it is **526D41**.

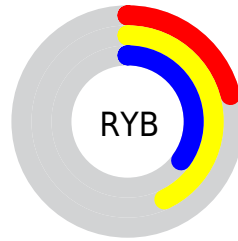
Distribution



Red (29%)

Green (43%)

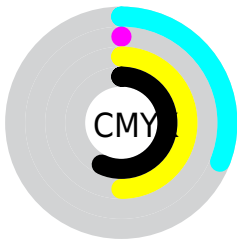
Blue (21%)



Red (21%)

Yellow (43%)

Blue (35%)

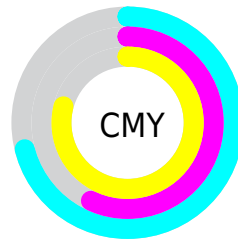


Cyan (31%)

Magenta (0%)

Yellow (50%)

Black (57%)



Cyan (71%)

Magenta (57%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B6D36 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 4B6D36 by changing the saturation by 10% instead.



4B6D36



4B6D36

FFFFFF



33551F



7DA166



1B3D08



98BC7F



042700



B3D89A



000F00



CFF4B5



000000



EBFFD0



FFFFED



4B6D36



4B6D36



446D2B



526D41

 3E6D20

 586D4C

 376D15

 5F6D57

 306D0A


 666D62

 2A6D00

 6D6D6D

 736D77

 7A6D82

 816D8D

 886D98

Harmonies

Analogous

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



6B6628



4B6D36



1D7150

Triad

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



4B6D36



006C9B



9A4B5A

Complementary

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



4B6D36



58366D

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.



904E78



4B6D36



45639D

Square

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



4B6D36



007189



745890



96513F

Rectangle

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



4B6D36



007264



745890



994B64

Sweetspot

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



4B6D36



828F79



6D5836



3F473B



C7C7C7



474747

Same Dimension

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



4B6D36



598F38



366D3C



323630



2D7500



5DF500

Inverse Universe

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



58366D



6E388F



6D3667



343036



490075



9700F5

Previews

White Background



This preview shows how the Hex color 4B6D36 looks on a white background.

Color Contrast Check

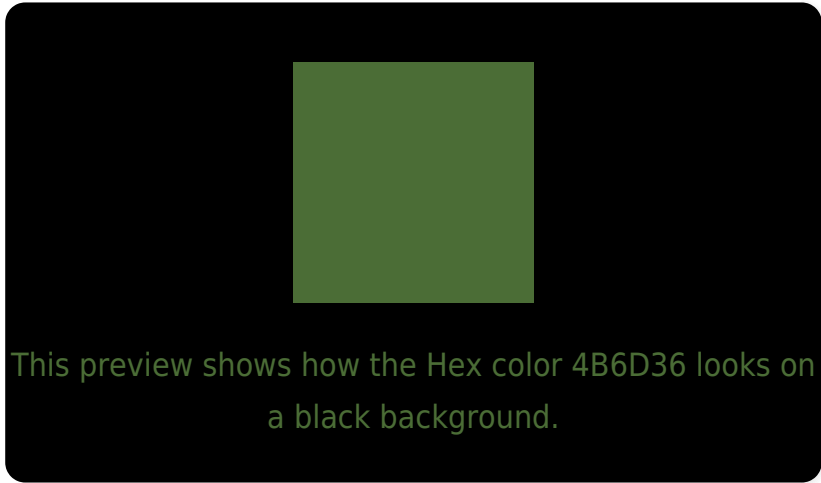
Large Text (above 18pt) WCAG AA ✓ Pass

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

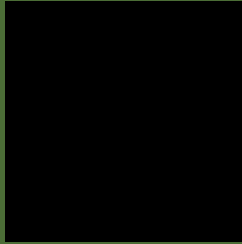
Any Text WCAG AA × Fail

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 4B6D36 Background



This preview shows how black text looks on a background with the Hex color 4B6D36.



This preview shows how white text looks on a background with the Hex color 4B6D36.

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](#).

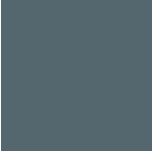
Dichromacy



Original Color
4B6D36

Protanopia
6E6433

Deuteranopia
795F3A



Tritanopia
54676F

Trichromacy



Original Color
4B6D36

Protanomaly
616734

Deuteranomaly
686439

Tritanomaly
51695A

Monochromacy



Original Color
4B6D36

Achromatopsia
5D5D5D

Achromatomaly
56634F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B6D36 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 #4B6D36 looks like.

```
.text, #text, p{  
    color:#4B6D36  
}
```

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 #4B6D36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B6D36
}
```

Border

The CSS property to change the border of an element to Hex 4B6D36 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".

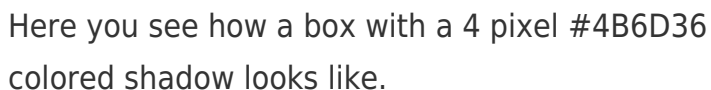
```
.border, #border, table{ border:4px solid
#4B6D36 }
```

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

```
.border{ border-color:#4B6D36 }
```

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

Here you see how a box with a 4 pixel #4B6D36 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B6D36; -webkit-box-shadow:4px 4px  
4px 4px #4B6D36; box-shadow:4px 4px 4px  
4px #4B6D36 }
```

Background

The CSS property to change the background color of an element to Hex 4B6D36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B6D36 }
```

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

```
.background{ background-color:#4B6D36 }
```

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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