

Converting Colors

Hex(4D6D46)

Have a look what the booklet for
Hex(4D6D46) contains.

Hex(4D6D46)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4D6D46)

Conversions

Conversions Part 1

Format	Color
Hex	4D6D46
RGB	77, 109, 70
RGB Percent	30%, 43%, 27%
CMY	0.6980, 0.5725, 0.7255
CMYK	0.29, 0.00, 0.36, 0.57
HSL	109°, 22%, 35%
HSV	109°, 36%, 43%
XYZ	9.6347, 12.9573, 7.7875
YIQ	94.9860, -6.5530, -18.9130

Conversions

Conversions Part 2

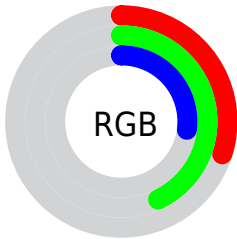
Format	Color
RYB	70, 109, 102
Decimal	5074246
CIELab	42.70, -19.88, 18.19
CIElCh	43, 26.943, 137.547
Yxy	12.9573, 0.3171, 0.4265
Android (android.graphics.Color)	4283264326 (0xFF4D6D46)
YUV	94.9860, -12.3181, -15.7737
Hunter-Lab	35.9962, -15.2162, 12.3703

Details

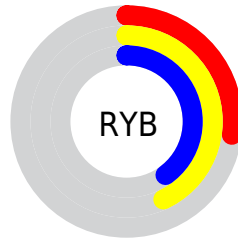
The Hex color **4D6D46** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **66466D**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7FA177**, and **1E3D1A** is the 20% darker color. If you saturate the color by 10%, you get **446D3B**, and if you desaturate by 10%, it is **566D51**.

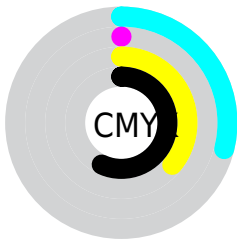
Distribution



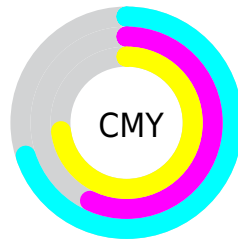
- Red (30%)
- Green (43%)
- Blue (27%)



- Red (27%)
- Yellow (43%)
- Blue (40%)



- Cyan (29%)
- Magenta (0%)
- Yellow (36%)
- Black (57%)



- Cyan (70%)
- Magenta (57%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D6D46 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 4D6D46 by changing the saturation by 10% instead.

 4D6D46

 4D6D46

FFFFFF

 35552F

 7FA177

 1E3D1A

 99BC90

 0A2700

 B4D8AB

 001100

 D0F4C6

 000000

 EDFFE3

 4D6D46

 4D6D46

 446D3B

 566D51


 3B6D30

 5F6D5C

 326D25

 686D67

 296D1A

 716D72

 206D10

 7A6D7D

 176D05

 836D87

 146D00

 8C6D92

 956D9D

 9D6DA8

Harmonies

Analogous

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



66683A



4D6D46



30705A

Triad

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



4D6D46



326A90



905459

Complementary

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



4D6D46



66466D

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.



8A546F



4D6D46



59628F

Square

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



4D6D46



006F85



775A83



8A5945

Rectangle

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



4D6D46



17716A



775A83



905360

Sweetspot

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



4D6D46



828F7F



6D6646



40473E



C7C7C7



474747

Same Dimension

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



4D6D46



5C8F51



466D52



313630



157500



2CF500

Inverse Universe

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



66466D



84518F



6D4661



353036



600075



C900F5

Previews

White Background



This preview shows how the Hex color 4D6D46 looks on a white background.

Color Contrast Check

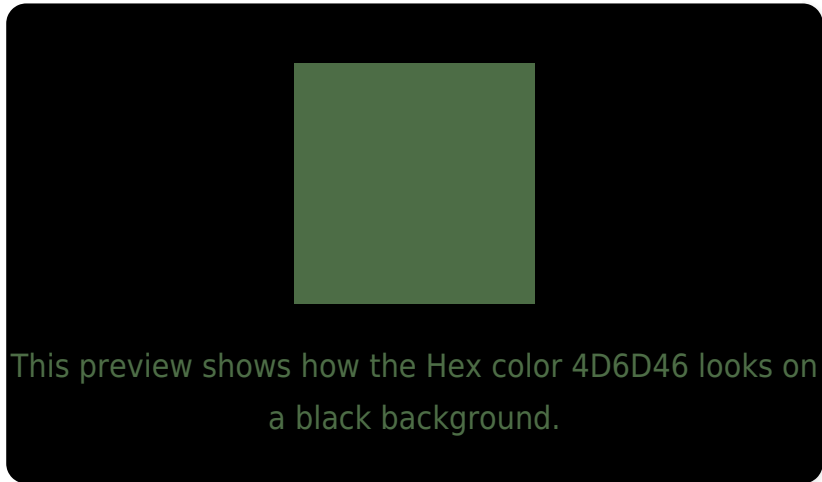
Large Text (above 18pt) WCAG AA ✓ Pass

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

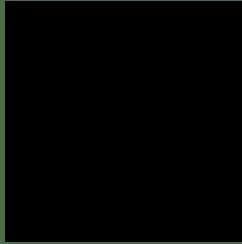
Any Text WCAG AA × Fail

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 4D6D46 Background



This preview shows how black text looks on a background with the Hex color 4D6D46.



This preview shows how white text looks on a background with the Hex color 4D6D46.

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
4D6D46

Protanopia
6D6443

Deuteranopia
776049



Tritanopia
546870

Trichromacy



Original Color
4D6D46

Protanomaly
616744

Deuteranomaly
686548

Tritanomaly
516A61

Monochromacy



Original Color
4D6D46

Achromatopsia
5F5F5F

Achromatomaly
586456

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D6D46 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 #4D6D46 looks like.

```
.text, #text, p{  
    color:#4D6D46  
}
```

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 #4D6D46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D6D46
}
```

Border

The CSS property to change the border of an element to Hex 4D6D46 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".

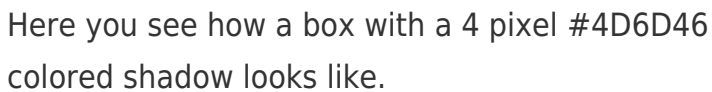
```
.border, #border, table{ border:4px solid
#4D6D46 }
```

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

```
.border{ border-color:#4D6D46 }
```

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

Here you see how a box with a 4 pixel #4D6D46 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D6D46; -webkit-box-shadow:4px 4px  
4px 4px #4D6D46; box-shadow:4px 4px 4px  
4px #4D6D46 }
```

Background

The CSS property to change the background color of an element to Hex 4D6D46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D6D46 }
```

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

```
.background{ background-color:#4D6D46 }
```

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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