

Converting Colors

Hex(4D6948)

Have a look what the booklet for
Hex(4D6948) contains.

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Color

Hex(4D6948)

Conversions

Conversions Part 1

Format	Color
Hex	4D6948
RGB	77, 105, 72
RGB Percent	30%, 41%, 28%
CMY	0.6980, 0.5882, 0.7176
CMYK	0.27, 0.00, 0.31, 0.59
HSL	111°, 19%, 35%
HSV	111°, 31%, 41%
XYZ	9.2818, 12.1488, 7.9866
YIQ	92.8660, -6.0950, -16.1990

Conversions

Conversions Part 2

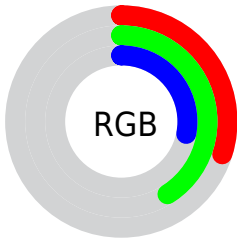
Format	Color
RYB	72, 105, 100
Decimal	5073224
CIELab	41.45, -17.39, 15.33
CIELCh	41, 23.182, 138.587
Yxy	12.1488, 0.3155, 0.4130
Android (android.graphics.Color)	4283263304 (0xFF4D6948)
YUV	92.8660, -10.2869, -13.9145
Hunter-Lab	34.8551, -13.4624, 10.8130

Details

The Hex color **4D6948** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **644869**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7F9C79**, and **1F3A1C** is the 20% darker color. If you saturate the color by 10%, you get **44693D**, and if you desaturate by 10%, it is **566952**.

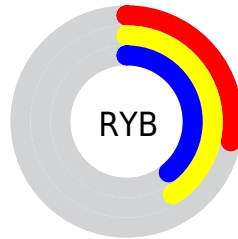
Distribution



Red (30%)

Green (41%)

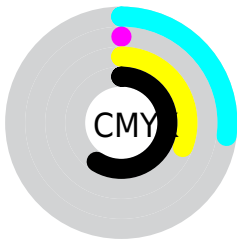
Blue (28%)



Red (28%)

Yellow (41%)

Blue (39%)

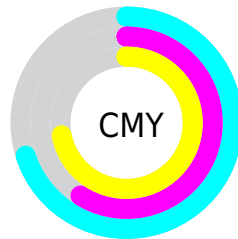


Cyan (27%)

Magenta (0%)

Yellow (31%)

Black (59%)



Cyan (70%)

Magenta (59%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D6948 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 4D6948 by changing the saturation by 10% instead.

 4D6948

 4D6948

FFFFFF

 365131

 7F9C79

 1F3A1C

 99B793

 0B2403

 B4D3AD

 000A00

 D0EFC9

 000000

 ECFE5

 4D6948

 4D6948

 44693D

 566952

 3B6933

 5F695D

■ 326928

■ 686968

■ 29691E

■ 716972

■ 206914

■ 7A697D

■ 186909

■ 826987

■ 106900

■ 8B6992

■ 94699C

■ 9D69A7

Harmonies

Analogous

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



63643D



4D6948



366C5A

Triad

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



4D6948



3C6687



875457

Complementary

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



4D6948



644869

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.



82546A



4D6948



5A6086

Square

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



4D6948



216A7E



73597B



825846

Rectangle

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



4D6948



266C67



73597B



87535D

Sweetspot

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



4D6948



7F8A7D



696348



3E453D



C4C4C4



454545

Same Dimension

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



4D6948



5D8A55



486953



313630



127500



25F500

Inverse Universe

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



644869



82558A



69485E



353036



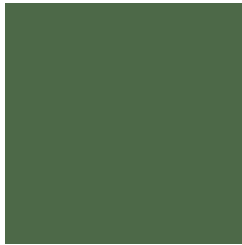
640075



D000F5

Previews

White Background



This preview shows how the Hex color 4D6948 looks on a white background.

Color Contrast Check

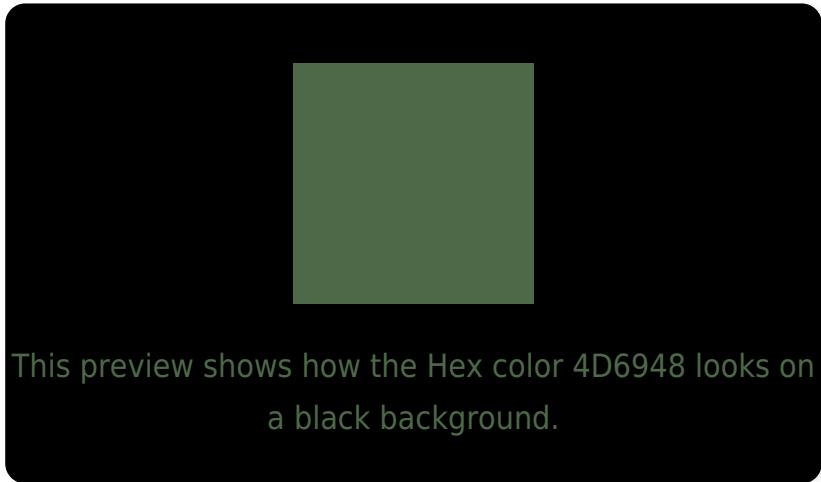
Large Text (above 18pt) WCAG AA ✓ Pass

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

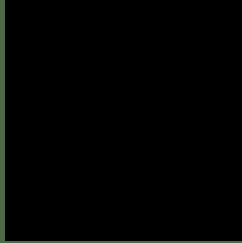
Any Text WCAG AA × Fail

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 4D6948 Background



This preview shows how black text looks on a background with the Hex color 4D6948.



This preview shows how white text looks on a background with the Hex color 4D6948.

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](#).

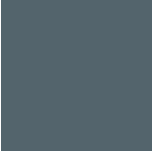
Dichromacy



Original Color
4D6948

Protanopia
696145

Deuteranopia
735E4A



Tritanopia
53646C

Trichromacy



Original Color
4D6948

Protanomaly
5F6446

Deuteranomaly
656249

Tritanomaly
51665F

Monochromacy



Original Color
4D6948

Achromatopsia
5D5D5D

Achromatomaly
576155

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D6948 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 #4D6948 looks like.

```
.text, #text, p{  
    color:#4D6948  
}
```

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 #4D6948 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D6948  
}
```

Border

The CSS property to change the border of an element to Hex 4D6948 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  
#4D6948 }
```

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

```
.border{ border-color:#4D6948 }
```

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

Here you see how a box with a 4 pixel #4D6948 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D6948; -webkit-box-shadow:4px 4px  
4px 4px #4D6948; box-shadow:4px 4px 4px  
4px #4D6948 }
```

Background

The CSS property to change the background color of an element to Hex 4D6948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D6948 }
```

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

```
.background{ background-color:#4D6948 }
```

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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