

Converting Colors

Hex(4C6C49)

Have a look what the booklet for
Hex(4C6C49) contains.

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Color

Hex(4C6C49)

Conversions

Conversions Part 1

Format	Color
Hex	4C6C49
RGB	76, 108, 73
RGB Percent	30%, 42%, 29%
CMY	0.7020, 0.5765, 0.7137
CMYK	0.30, 0.00, 0.32, 0.58
HSL	115°, 19%, 35%
HSV	115°, 32%, 42%
XYZ	9.5457, 12.7427, 8.2598
YIQ	94.4420, -7.8370, -17.6690

Conversions

Conversions Part 2

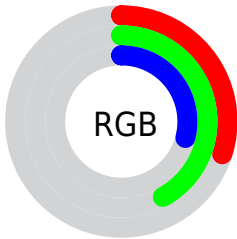
Format	Color
RYB	73, 108, 105
Decimal	5008457
CIELab	42.37, -19.20, 15.98
CIELCh	42, 24.975, 140.225
Yxy	12.7427, 0.3125, 0.4171
Android (android.graphics.Color)	4283198537 (0xFF4C6C49)
YUV	94.4420, -10.5709, -16.1736
Hunter-Lab	35.6969, -14.7371, 11.2689

Details

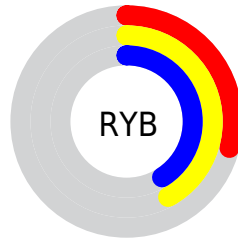
The Hex color **4C6C49** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **69496C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7EA07A**, and **1E3C1D** is the 20% darker color. If you saturate the color by 10%, you get **426C3E**, and if you desaturate by 10%, it is **566C54**.

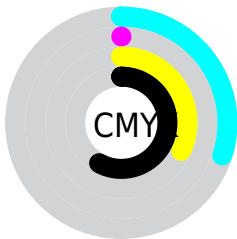
Distribution



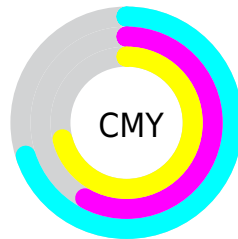
- Red (30%)
- Green (42%)
- Blue (29%)



- Red (29%)
- Yellow (42%)
- Blue (41%)



- Cyan (30%)
- Magenta (0%)
- Yellow (32%)
- Black (58%)



- Cyan (70%)
- Magenta (58%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C6C49 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 4C6C49 by changing the saturation by 10% instead.



4C6C49



4C6C49

FFFFFF



345432



7EA07A



1E3C1D



98BB94



092605



B3D6AE



000F00



CFF3CA



000000



EBFFE6



4C6C49



4C6C49



426C3E



566C54



386C33



606C5F

■ 2E6C29

■ 6A6C69

■ 256C1E

■ 736C74

■ 1B6C13

■ 7D6C7F

■ 116C08

■ 876C8A

■ 096C00

■ 916C95

■ 9B6C9F

■ A56CAA

Harmonies

Analogous

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



64673D



4C6C49



326F5C

Triad

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



4C6C49



3B688C



8C5557

Complementary

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



4C6C49



69496C

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.



88556C



4C6C49



5D618B

Square

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



4C6C49



196D83



775A7F



865945

Rectangle

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



4C6C49



1F6F6B



775A7F



8C545E

Sweetspot

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



4C6C49



7F8C7E



6C6949



40473F



C7C7C7



474747

Same Dimension

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



4C6C49



5A8C56



496C57



313630



0A7500



15F500

Inverse Universe

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



69496C



88568C



6C495E



353036



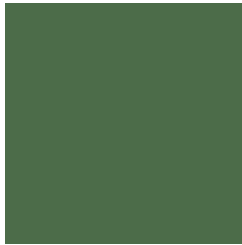
6B0075



E000F5

Previews

White Background



This preview shows how the Hex color 4C6C49 looks on a white background.

Color Contrast Check

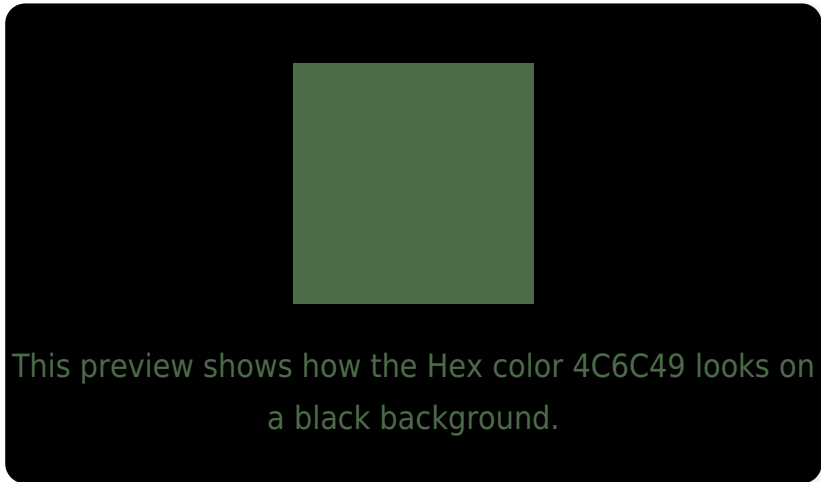
Large Text (above 18pt) WCAG AA ✓ Pass

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

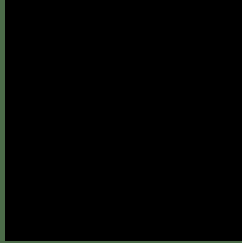
Any Text WCAG AA × Fail

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 4C6C49 Background



This preview shows how black text looks on a background with the Hex color 4C6C49.



This preview shows how white text looks on a background with the Hex color 4C6C49.

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](#).

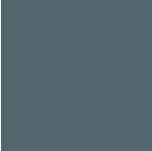
Dichromacy



Original Color
4C6C49

Protanopia
6C6445

Deuteranopia
75604C



Tritanopia
53676F

Trichromacy



Original Color
4C6C49

Protanomaly
606746

Deuteranomaly
66644B

Tritanomaly
506961

Monochromacy



Original Color
4C6C49

Achromatopsia
5E5E5E

Achromatomaly
576356

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C6C49 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 #4C6C49 looks like.

```
.text, #text, p{  
    color:#4C6C49  
}
```

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 #4C6C49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6C49
}
```

Border

The CSS property to change the border of an element to Hex 4C6C49 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
#4C6C49 }
```

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

```
.border{ border-color:#4C6C49 }
```

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

Here you see how a box with a 4 pixel #4C6C49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6C49; -webkit-box-shadow:4px 4px  
4px 4px #4C6C49; box-shadow:4px 4px 4px  
4px #4C6C49 }
```

Background

The CSS property to change the background color of an element to Hex 4C6C49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6C49 }
```

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

```
.background{ background-color:#4C6C49 }
```

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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