

Converting Colors

Hex(4C6448)

Have a look what the booklet for
Hex(4C6448) contains.

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Color

Hex(4C6448)

Conversions

Conversions Part 1

Format	Color
Hex	4C6448
RGB	76, 100, 72
RGB Percent	30%, 39%, 28%
CMY	0.7020, 0.6078, 0.7176
CMYK	0.24, 0.00, 0.28, 0.61
HSL	111°, 16%, 34%
HSV	111°, 28%, 39%
XYZ	8.7074, 11.1187, 7.8181
YIQ	89.6320, -5.3160, -13.7960

Conversions

Conversions Part 2

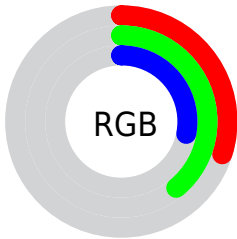
Format	Color
RYB	72, 100, 96
Decimal	5006408
CIELab	39.78, -15.03, 13.04
CIElCh	40, 19.902, 139.046
Yxy	11.1187, 0.3150, 0.4022
Android (android.graphics.Color)	4283196488 (0xFF4C6448)
YUV	89.6320, -8.6926, -11.9553
Hunter-Lab	33.3447, -11.7413, 9.4400

Details

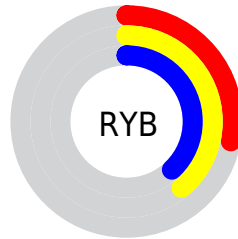
The Hex color **4C6448** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **604864**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **7D9779**, and **1F351C** is the 20% darker color. If you saturate the color by 10%, you get **43643E**, and if you desaturate by 10%, it is **556452**.

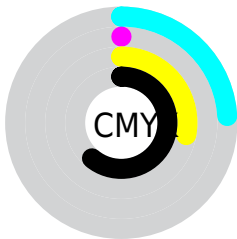
Distribution



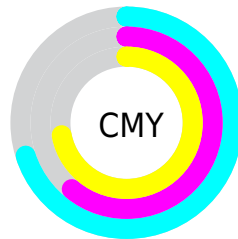
- Red (30%)
- Green (39%)
- Blue (28%)



- Red (28%)
- Yellow (39%)
- Blue (38%)



- Cyan (24%)
- Magenta (0%)
- Yellow (28%)
- Black (61%)



- Cyan (70%)
- Magenta (61%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C6448 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 4C6448 by changing the saturation by 10% instead.



4C6448



4C6448

FFFFFF



354C31



7D9779



1F351C



97B292



0B2003



B2CDAD



000000



CEE9C8



EAF FE4



4C6448



4C6448



43643E



556452



3B6434



5D645C

 32642A

 666466

 2A6420

 6E6470

 216416

 77647A

 19640C

 7F6484

 106402

 88648E

 0E6400

 916498

 9964A2

Harmonies

Analogous

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



5E603F



4C6448



396657

Triad

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



4C6448



40617D



7E5254

Complementary

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



4C6448



604864

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.



7A5264



4C6448



585C7C

Square

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



4C6448



2C6576



6D5673



7A5546

Rectangle

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



4C6448



2E6762



6D5673



7E5259

Sweetspot

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



4C6448



798278



646048



3D423C



C2C2C2



424242

Same Dimension

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



4C6448



5C8256



486452



2F332E



107300



23F200

Inverse Universe

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



604864



7C5682



64485A



322E33



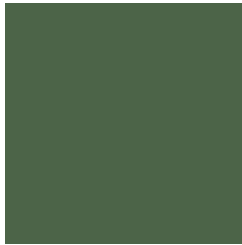
620073



D000F2

Previews

White Background



This preview shows how the Hex color 4C6448 looks on a white background.

Color Contrast Check

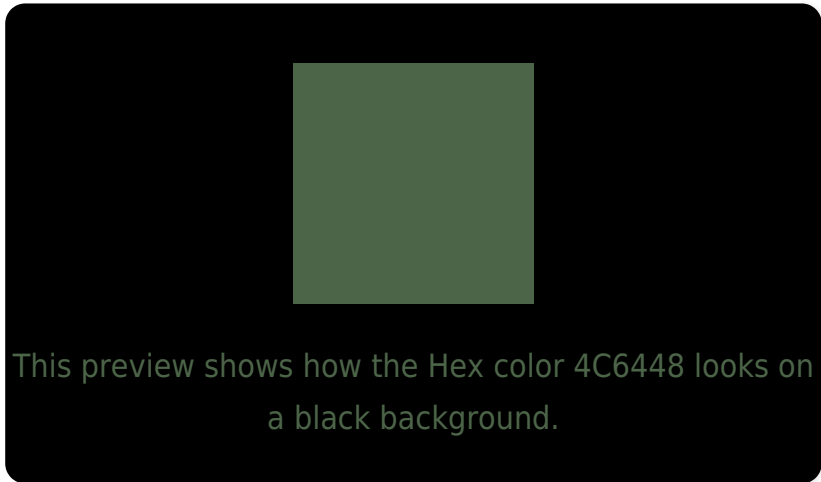
Large Text (above 18pt) WCAG AA ✓ Pass

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

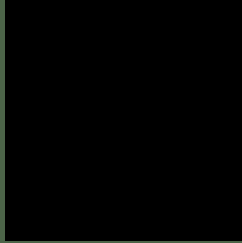
Any Text WCAG AA × Fail

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 4C6448 Background



This preview shows how black text looks on a background with the Hex color 4C6448.



This preview shows how white text looks on a background with the Hex color 4C6448.

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
4C6448

Protanopia
645D45

Deuteranopia
6D5A4A



Tritanopia
516068

Trichromacy



Original Color
4C6448

Protanomaly
5B6046

Deuteranomaly
615E49

Tritanomaly
4F615C

Monochromacy



Original Color
4C6448

Achromatopsia
5A5A5A

Achromatomaly
555E53

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C6448 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 #4C6448 looks like.

```
.text, #text, p{  
    color:#4C6448  
}
```

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 #4C6448 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6448
}
```

Border

The CSS property to change the border of an element to Hex 4C6448 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
#4C6448 }
```

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

```
.border{ border-color:#4C6448 }
```

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

Here you see how a box with a 4 pixel #4C6448 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6448; -webkit-box-shadow:4px 4px  
4px 4px #4C6448; box-shadow:4px 4px 4px  
4px #4C6448 }
```

Background

The CSS property to change the background color of an element to Hex 4C6448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6448 }
```

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

```
.background{ background-color:#4C6448 }
```

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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