

# Converting Colors

Hex(4C664B)

Have a look what the booklet for  
Hex(4C664B) contains.

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# Color

**Hex(4C664B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C664B
RGB	76, 102, 75
RGB Percent	30%, 40%, 29%
CMY	0.7020, 0.6000, 0.7059
CMYK	0.25, 0.00, 0.26, 0.60
HSL	118°, 15%, 35%
HSV	118°, 26%, 40%
XYZ	9.0019, 11.5472, 8.4110
YIQ	91.1480, -6.8290, -13.9090

# Conversions

## Conversions Part 2

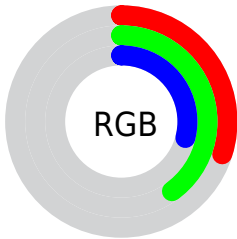
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 102, 101
Decimal	5006923
CIELab	40.49, -15.57, 12.21
CIElCh	40, 19.787, 141.882
Yxy	11.5472, 0.3108, 0.3987
Android (android.graphics.Color)	4283197003 (0xFF4C664B)
YUV	91.1480, -7.9610, -13.2848
Hunter-Lab	33.9812, -12.1813, 9.1115

# Details

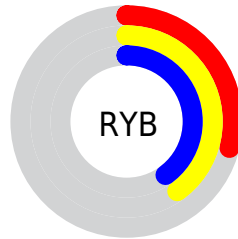
The Hex color **4C664B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **654B66**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7D997C**, and **1F371F** is the 20% darker color. If you saturate the color by 10%, you get **426641**, and if you desaturate by 10%, it is **566655**.

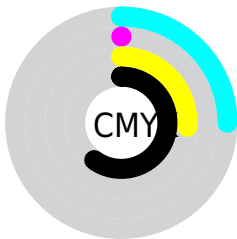
# Distribution



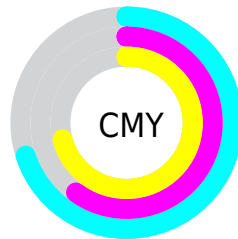
- Red (30%)
- Green (40%)
- Blue (29%)



- Red (29%)
- Yellow (40%)
- Blue (40%)



- Cyan (25%)
- Magenta (0%)
- Yellow (26%)
- Black (60%)



- Cyan (70%)
- Magenta (60%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C664B 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 4C664B by changing the saturation by 10% instead.





4C664B



4C664B

FFFFFF



354E34



7D997C



1F371F



98B496



0A2108



B2D0B0



000300



CEECCC



000000



EAFFE8



4C664B



4C664B



426641



566655



386637



60665F

 2F662C


 69666A

 256622

 736674


 1B6618

 7D667E

 11660E

 876688

 076604

 916692

 046600

 9B669D

 A466A7

# Harmonies

## Analogous

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



5F6241



4C664B



39685A

# Triad

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



4C664B



44627F



805454

# Complementary

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



4C664B



654B66

# 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.



7C5465



4C664B



5C5D7D

# Square

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



4C664B



306678



705774



7B5847

# Rectangle

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



4C664B



2F6865



705774



805359



# Sweetspot

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



4C664B



7A857A



66654B



3C423C



C2C2C2



424242



# Same Dimension

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



4C664B



5C855A



4B6657



2E332E



047300



09F200



# Inverse Universe

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



654B66



835A85



664B5A



332E33



6E0073

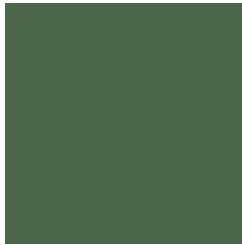


E900F2



# Previews

## White Background



This preview shows how the Hex color 4C664B looks on a white background.

## Color Contrast Check

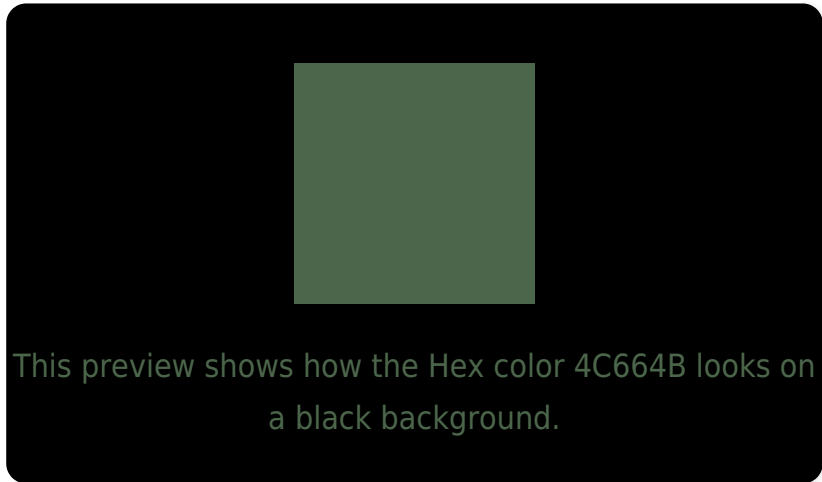
Large Text (above 18pt) WCAG AA ✓ Pass

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

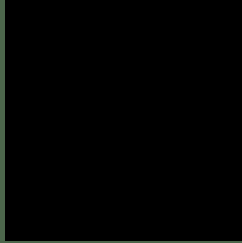
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4C664B Background



This preview shows how black text looks on a background with the Hex color 4C664B.



This preview shows how white text looks on a background with the Hex color 4C664B.

# 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](#).

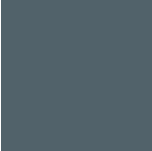
## Dichromacy



**Original Color**  
4C664B

**Protanopia**  
665F48

**Deuteranopia**  
6F5B4D



**Tritanopia**  
51626A

# Trichromacy



**Original Color**  
4C664B

**Protanomaly**  
5D6249

**Deuteranomaly**  
625F4C

**Tritanomaly**  
4F635F

# Monochromacy



**Original Color**  
4C664B

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
565F55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C664B 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 #4C664B looks like.

```
.text, #text, p{  
    color:#4C664B  
}
```

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 #4C664B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C664B
}
```

## Border

The CSS property to change the border of an element to Hex 4C664B 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
#4C664B }
```

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

```
.border{ border-color:#4C664B }
```

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

Here you see how a box with a 4 pixel #4C664B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C664B; -webkit-box-shadow:4px 4px  
4px 4px #4C664B; box-shadow:4px 4px 4px  
4px #4C664B }
```

# Background

The CSS property to change the background color of an element to Hex 4C664B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C664B }
```

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

```
.background{ background-color:#4C664B }
```

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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