

Converting Colors

Hex(4D8C62)

Have a look what the booklet for
Hex(4D8C62) contains.

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Color

Hex(4D8C62)

Conversions

Conversions Part 1

Format	Color
Hex	4D8C62
RGB	77, 140, 98
RGB Percent	30%, 55%, 38%
CMY	0.6980, 0.4510, 0.6157
CMYK	0.45, 0.00, 0.30, 0.45
HSL	140°, 29%, 43%
HSV	140°, 45%, 55%
XYZ	14.6433, 21.2158, 14.8786
YIQ	116.3750, -24.0660, -26.4180

Conversions

Conversions Part 2

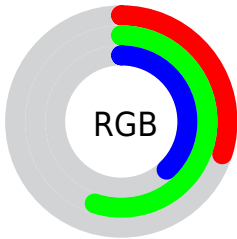
Format	Color
RYB	77, 124, 140
Decimal	5082210
CIELab	53.18, -30.17, 16.27
CIElCh	53, 34.276, 151.662
Yxy	21.2158, 0.2886, 0.4181
Android (android.graphics.Color)	4283272290 (0xFF4D8C62)
YUV	116.3750, -9.0589, -34.5319
Hunter-Lab	46.0606, -23.8586, 13.0905

Details

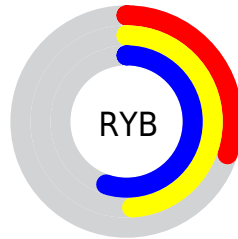
The Hex color **4D8C62** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8C4D77**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **81C295**, and **185933** is the 20% darker color. If you saturate the color by 10%, you get **3F8C59**, and if you desaturate by 10%, it is **5B8C6B**.

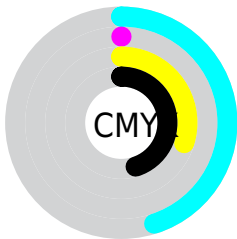
Distribution



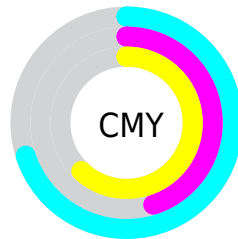
- Red (30%)
- Green (55%)
- Blue (38%)



- Red (30%)
- Yellow (49%)
- Blue (55%)



- Cyan (45%)
- Magenta (0%)
- Yellow (30%)
- Black (45%)



- Cyan (70%)
- Magenta (45%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D8C62 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 4D8C62 by changing the saturation by 10% instead.



4D8C62



4D8C62

FFFFFF



33724A



81C295



185933



9CDEB0



00411E



B8FBCB



002B06



D4FFE7



001300



F1FFFF



000000



4D8C62



4D8C62



3F8C59



5B8C6B



318C4F



698C75

■ 238C46

■ 778C7E

■ 158C3D

■ 858C87

■ 078C33

■ 938C91

■ 008C2F

■ A18C9A

■ AF8CA3

■ BD8CAD

■ CB8CB6

Harmonies

Analogous

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



71864B



4D8C62



188E80

Triad

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



4D8C62



5481BA



B66A62

Complementary

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



4D8C62



8C4D77

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.



B6677E



4D8C62



8477B1

Square

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



4D8C62



0089B2



A56C9B



A8734C

Rectangle

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



4D8C62



008E94



A56C9B



B8696B

Sweetspot

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



4D8C62



9CB5A4



778C4D



4C5C51



DBDBDB



5C5C5C

Same Dimension

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



4D8C62



53B574



4D8C82



3E4540



00852C



000502

Inverse Universe

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



8C4D77



B55394



8C4D58



453E43



850058



050003

Previews

White Background



This preview shows how the Hex color 4D8C62 looks on a white background.

Color Contrast Check

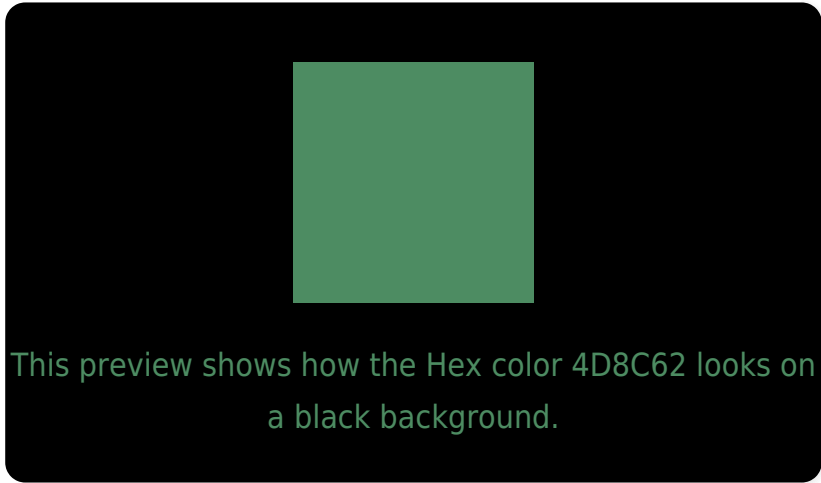
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

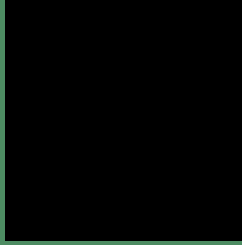
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 4D8C62 Background



This preview shows how black text looks on a background with the Hex color 4D8C62.



This preview shows how white text looks on a background with the Hex color 4D8C62.

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
4D8C62

Protanopia
887E5C

Deuteranopia
937966



Tritanopia
588691

Trichromacy



Original Color
4D8C62

Protanomaly
73835E

Deuteranomaly
7A8065

Tritanomaly
548880

Monochromacy



Original Color
4D8C62

Achromatopsia
747474

Achromatomaly
667D6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D8C62 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 #4D8C62 looks like.

```
.text, #text, p{  
    color:#4D8C62  
}
```

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 #4D8C62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D8C62
}
```

Border

The CSS property to change the border of an element to Hex 4D8C62 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
#4D8C62 }
```

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

```
.border{ border-color:#4D8C62 }
```

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

Here you see how a box with a 4 pixel #4D8C62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D8C62; -webkit-box-shadow:4px 4px  
4px 4px #4D8C62; box-shadow:4px 4px 4px  
4px #4D8C62 }
```

Background

The CSS property to change the background color of an element to Hex 4D8C62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D8C62 }
```

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

```
.background{ background-color:#4D8C62 }
```

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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