

# Converting Colors

Hex(4D8A55)

Have a look what the booklet for  
Hex(4D8A55) contains.

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# Color

Hex(4D8A55)

# Conversions

## Conversions Part 1

Format	Color
Hex	4D8A55
RGB	77, 138, 85
RGB Percent	30%, 54%, 33%
CMY	0.6980, 0.4588, 0.6667
CMYK	0.44, 0.00, 0.38, 0.46
HSL	128°, 28%, 42%
HSV	128°, 44%, 54%
XYZ	13.7887, 20.4106, 11.8072
YIQ	113.7190, -19.3430, -29.4150

# Conversions

## Conversions Part 2

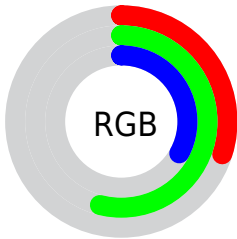
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 131, 138
Decimal	5081685
CIELab	52.30, -31.67, 22.38
CIElCh	52, 38.778, 144.746
Yxy	20.4106, 0.2997, 0.4436
Android (android.graphics.Color)	4283271765 (0xFF4D8A55)
YUV	113.7190, -14.1585, -32.2026
Hunter-Lab	45.1781, -24.5820, 16.1293

# Details

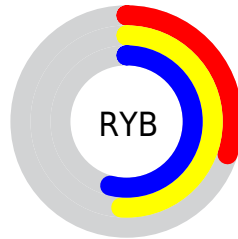
The Hex color **4D8A55** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8A4D82**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **81C087**, and **185727** is the 20% darker color. If you saturate the color by 10%, you get **3F8A49**, and if you desaturate by 10%, it is **5B8A61**.

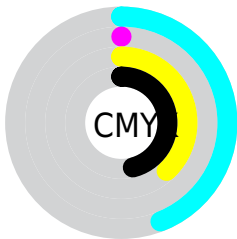
# Distribution



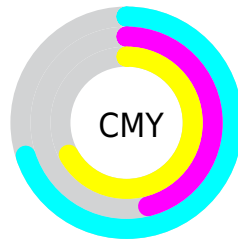
- Red (30%)
- Green (54%)
- Blue (33%)



- Red (30%)
- Yellow (51%)
- Blue (54%)



- Cyan (44%)
- Magenta (0%)
- Yellow (38%)
- Black (46%)



- Cyan (70%)
- Magenta (46%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D8A55 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 4D8A55 by changing the saturation by 10% instead.





4D8A55



4D8A55

FFFFFF



33703D



81C087



185727



9CDCA2



003F11



B8F9BD



002900



D4FFD9



000F00



F1FFF5



000000



4D8A55



4D8A55



3F8A49



5B8A61



318A3D



698A6D

 248A31

 768A79

 168A25

 848A85

 088A19

 928A91

 008A12

 A08A9D

 AE8AA9

 BB8AB5

 C98AC1

# Harmonies

## Analogous

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



75833E



4D8A55



008D76

# Triad

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



4D8A55



3382BF



BB6363

# Complementary

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



4D8A55



8A4D82

# 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.



B76284



4D8A55



7676B9

# Square

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



4D8A55



008AB2



A06AA4



AF6D47

# Rectangle

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



4D8A55



008E8D



A06AA4



BC616E



# Sweetspot

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



4D8A55



9BB39E



838A4D



4B594D



D9D9D9



595959



# Same Dimension

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



4D8A55



54B360



4D8A73



3E453F



008511



000501



# Inverse Universe

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



8A4D82



B354A6



8A4D64



453E44



850073



050004



# Previews

## White Background



This preview shows how the Hex color 4D8A55 looks on a white background.

## Color Contrast Check

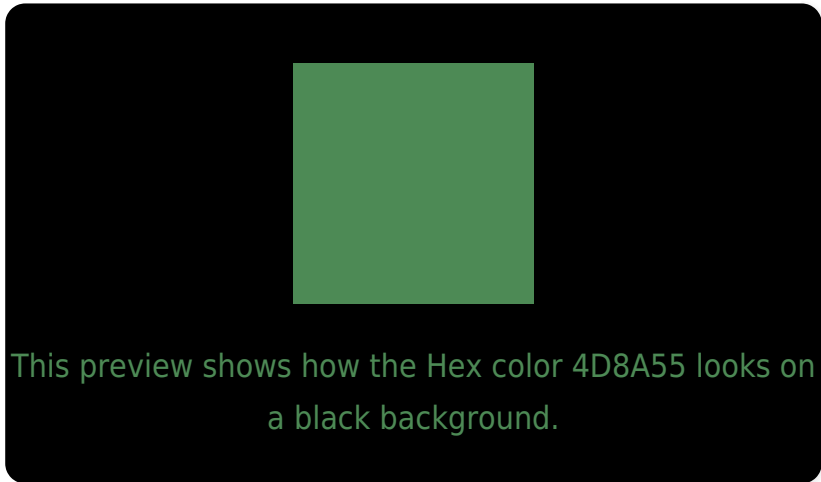
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D8A55 Background



This preview shows how black text looks on a background with the Hex color 4D8A55.



This preview shows how white text looks on a background with the Hex color 4D8A55.

# 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**  
4D8A55

**Protanopia**  
877C4F

**Deuteranopia**  
937759



**Tritanopia**  
59838E

# Trichromacy



**Original Color**  
4D8A55

**Protanomaly**  
728151

**Deuteranomaly**  
7A7E58

**Tritanomaly**  
558679

# Monochromacy



**Original Color**  
4D8A55

**Achromatopsia**  
727272

**Achromatomaly**  
657B67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D8A55 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 #4D8A55 looks like.

```
.text, #text, p{  
    color:#4D8A55  
}
```

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 #4D8A55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D8A55  
}
```

## Border

The CSS property to change the border of an element to Hex 4D8A55 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  
#4D8A55 }
```

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

```
.border{ border-color:#4D8A55 }
```

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

Here you see how a box with a 4 pixel #4D8A55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D8A55; -webkit-box-shadow:4px 4px  
4px 4px #4D8A55; box-shadow:4px 4px 4px  
4px #4D8A55 }
```

# Background

The CSS property to change the background color of an element to Hex 4D8A55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D8A55 }
```

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

```
.background{ background-color:#4D8A55 }
```

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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