

# Converting Colors

Hex(4D8850)

Have a look what the booklet for  
Hex(4D8850) contains.

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# Color

Hex(4D8850)

# Conversions

## Conversions Part 1

Format	Color
Hex	4D8850
RGB	77, 136, 80
RGB Percent	30%, 53%, 31%
CMY	0.6980, 0.4667, 0.6863
CMYK	0.43, 0.00, 0.41, 0.47
HSL	123°, 28%, 42%
HSV	123°, 43%, 53%
XYZ	13.3127, 19.7653, 10.7028
YIQ	111.9750, -17.1880, -29.9240

# Conversions

## Conversions Part 2

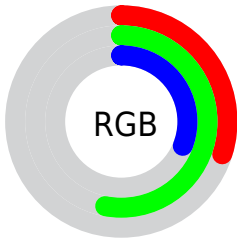
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 133, 136
Decimal	5081168
CIELab	51.57, -31.59, 24.20
CIElCh	52, 39.793, 142.545
Yxy	19.7653, 0.3041, 0.4515
Android (android.graphics.Color)	4283271248 (0xFF4D8850)
YUV	111.9750, -15.7637, -30.6731
Hunter-Lab	44.4582, -24.3512, 16.8473

# Details

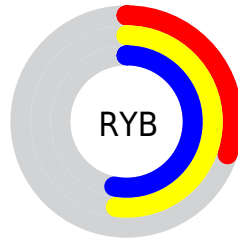
The Hex color **4D8850** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **884D85**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **81BE82**, and **195622** is the 20% darker color. If you saturate the color by 10%, you get **3F8843**, and if you desaturate by 10%, it is **5B885D**.

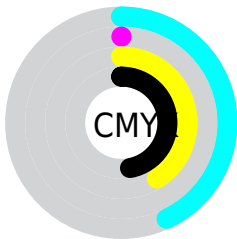
# Distribution



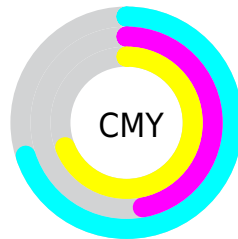
- Red (30%)
- Green (53%)
- Blue (31%)



- Red (30%)
- Yellow (52%)
- Blue (53%)



- Cyan (43%)
- Magenta (0%)
- Yellow (41%)
- Black (47%)



- Cyan (70%)
- Magenta (47%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D8850 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 4D8850 by changing the saturation by 10% instead.





4D8850



4D8850

FFFFFF



336E38



81BE82



195622



9CDA9C



003E0C



B8F6B7



002800



D4FFD3



000B00



F1FFEF



000000



4D8850



4D8850



3F8843



5B885D



328836



68886A

 248829

 768877

 17881C

 838884

 09880F

 918891

 008807

 9F889D

 AC88AA

 BA88B7

 C788C4

# Harmonies

## Analogous

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



768139



4D8850



008C71

# Triad

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



4D8850



2281BE



BB6063

# Complementary

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



4D8850



884D85

# 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.



B65F85



4D8850



7075BA

# Square

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



4D8850



0089B0



9D68A5



AF6A46

# Rectangle

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



4D8850



008C89



9D68A5



BB5E6E



# Sweetspot

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



4D8850



99B09A



85884D



4B594C



D9D9D9



595959



# Same Dimension

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



4D8850



54B059



4D886D



3E453E



008507



000500



# Inverse Universe

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



884D85



B054AB



884D68



453E44



85007E



050005



# Previews

## White Background



This preview shows how the Hex color 4D8850 looks on a white background.

## Color Contrast Check

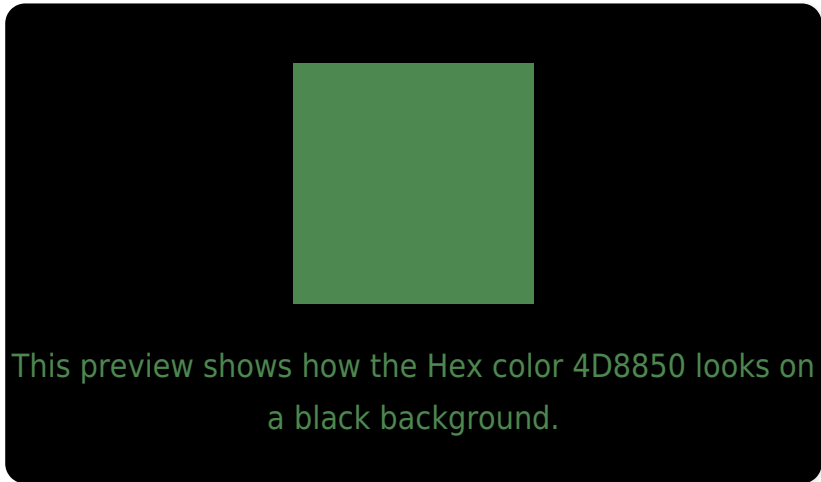
Large Text (above 18pt) WCAG AA ✓ Pass

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

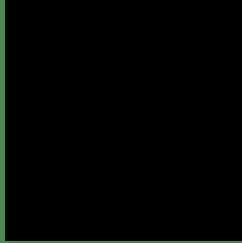
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4D8850 Background



This preview shows how black text looks on a background with the Hex color 4D8850.



This preview shows how white text looks on a background with the Hex color 4D8850.

# 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**  
4D8850

**Protanopia**  
867A4B

**Deuteranopia**  
927554

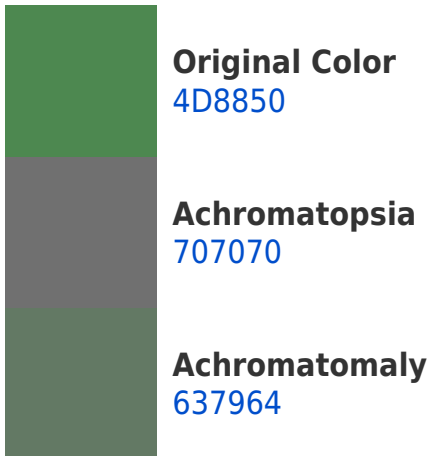


**Tritanopia**  
59818B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D8850 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 #4D8850 looks like.

```
.text, #text, p{  
    color:#4D8850  
}
```

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 #4D8850 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D8850
}
```

## Border

The CSS property to change the border of an element to Hex 4D8850 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
#4D8850 }
```

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

```
.border{ border-color:#4D8850 }
```

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

Here you see how a box with a 4 pixel #4D8850 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D8850; -webkit-box-shadow:4px 4px  
4px 4px #4D8850; box-shadow:4px 4px 4px  
4px #4D8850 }
```

# Background

The CSS property to change the background color of an element to Hex 4D8850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D8850 }
```

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

```
.background{ background-color:#4D8850 }
```

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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