

# Converting Colors

Hex(4D8754)

Have a look what the booklet for  
Hex(4D8754) contains.

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# Color

Hex(4D8754)

# Conversions

## Conversions Part 1

Format	Color
Hex	4D8754
RGB	77, 135, 84
RGB Percent	30%, 53%, 33%
CMY	0.6980, 0.4706, 0.6706
CMYK	0.43, 0.00, 0.38, 0.47
HSL	127°, 27%, 42%
HSV	127°, 43%, 53%
XYZ	13.3248, 19.5458, 11.4579
YIQ	111.8440, -18.1970, -28.1570

# Conversions

## Conversions Part 2

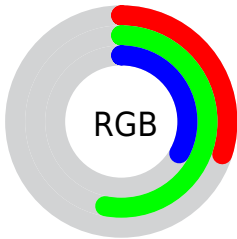
Format	Color
<a href="#">RYB</a>	<a href="#">77, 129, 135</a>
Decimal	<a href="#">5080916</a>
CIELab	<a href="#">51.32, -30.43, 21.65</a>
CIElCh	<a href="#">51, 37.342, 144.574</a>
Yxy	<a href="#">19.5458, 0.3006, 0.4409</a>
Android (android.graphics.Color)	<a href="#">4283270996 (0xFF4D8754)</a>
YUV	<a href="#">111.8440, -13.7271, -30.5582</a>
Hunter-Lab	<a href="#">44.2107, -23.5700, 15.5815</a>

# Details

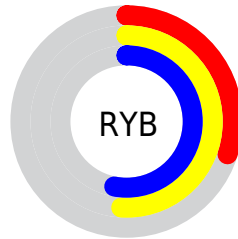
The Hex color **4D8754** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **874D80**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **81BD86**, and **195526** is the 20% darker color. If you saturate the color by 10%, you get **3F8748**, and if you desaturate by 10%, it is **5A8760**.

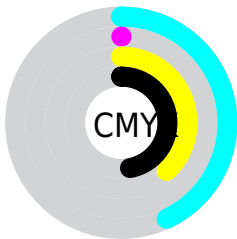
# Distribution



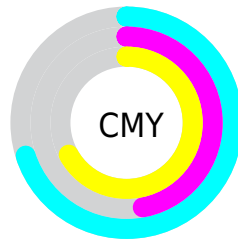
- Red (30%)
- Green (53%)
- Blue (33%)



- Red (30%)
- Yellow (51%)
- Blue (53%)



- Cyan (43%)
- Magenta (0%)
- Yellow (38%)
- Black (47%)



- Cyan (70%)
- Magenta (47%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D8754 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 4D8754 by changing the saturation by 10% instead.





4D8754



4D8754

FFFFFF



346D3C



81BD86



195526



9CD9A0



003D10



B7F5BC



002700



D4FFD7



000900



F0FFF4



000000



4D8754



4D8754



3F8748



5A8760



32873C



68876C

 258730

 768778

 178725

 838783

 0A8719

 91878F

 008710

 9E879B

 AC87A7

 B987B3

 C787BF

# Harmonies

## Analogous

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



73803E



4D8754



068A73

# Triad

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



4D8754



357FB9



B66261

# Complementary

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



4D8754



874D80

# 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.



B26081



4D8754



7474B4

# Square

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



4D8754



0087AE



9C68A0



AA6B47

# Rectangle

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



4D8754



008B89



9C68A0



B7606C



# Sweetspot

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



4D8754



99B09C



80874D



4B594D



D9D9D9



595959



# Same Dimension

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



4D8754



54B05F



4D8771



3C423C



008210



000300



# Inverse Universe

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



874D80



B054A5



874D63



423C41



820072



030002



# Previews

## White Background



This preview shows how the Hex color 4D8754 looks on a white background.

## Color Contrast Check

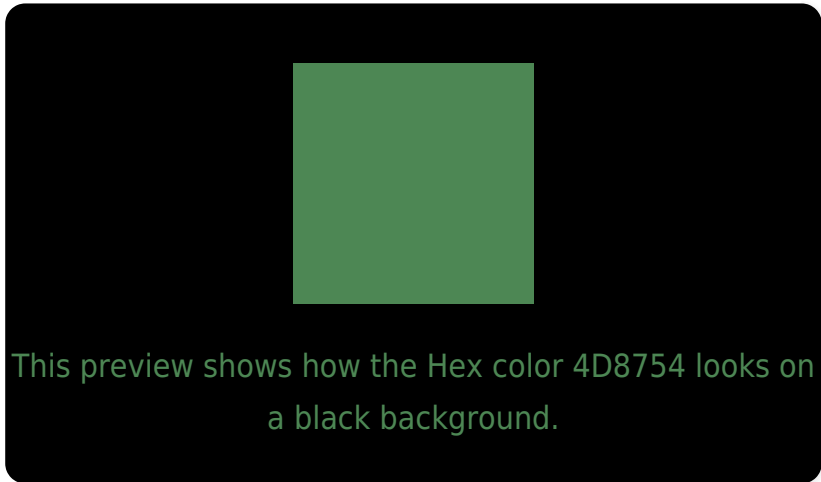
Large Text (above 18pt) WCAG AA ✓ Pass

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

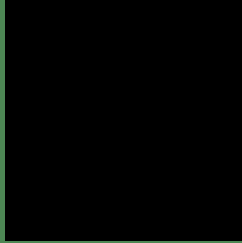
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4D8754 Background



This preview shows how black text looks on a background with the Hex color 4D8754.



This preview shows how white text looks on a background with the Hex color 4D8754.

# 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**  
4D8754

**Protanopia**  
847A4F

**Deuteranopia**  
907558



**Tritanopia**  
59808B

# Trichromacy



**Original Color**  
4D8754

**Protanomaly**  
707F51

**Deuteranomaly**  
787C57

**Tritanomaly**  
558377

# Monochromacy



**Original Color**  
4D8754

**Achromatopsia**  
707070

**Achromatomaly**  
637866

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D8754 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 #4D8754 looks like.

```
.text, #text, p{  
    color:#4D8754  
}
```

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 #4D8754 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D8754
}
```

## Border

The CSS property to change the border of an element to Hex 4D8754 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
#4D8754 }
```

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

```
.border{ border-color:#4D8754 }
```

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

Here you see how a box with a 4 pixel #4D8754 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D8754; -webkit-box-shadow:4px 4px  
4px 4px #4D8754; box-shadow:4px 4px 4px  
4px #4D8754 }
```

# Background

The CSS property to change the background color of an element to Hex 4D8754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D8754 }
```

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

```
.background{ background-color:#4D8754 }
```

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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