

Converting Colors

Hex(4D8749)

Have a look what the booklet for
Hex(4D8749) contains.

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Color

Hex(4D8749)

Conversions

Conversions Part 1

Format	Color
Hex	4D8749
RGB	77, 135, 73
RGB Percent	30%, 53%, 29%
CMY	0.6980, 0.4706, 0.7137
CMYK	0.43, 0.00, 0.46, 0.47
HSL	116°, 30%, 41%
HSV	116°, 46%, 53%
XYZ	12.9271, 19.3868, 9.3640
YIQ	110.5900, -14.6660, -31.5780

Conversions

Conversions Part 2

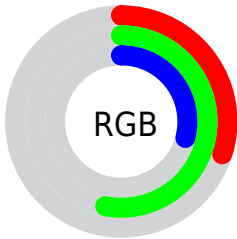
Format	Color
RYB	73, 135, 131
Decimal	5080905
CIELab	51.14, -32.25, 27.47
CIElCh	51, 42.364, 139.573
Yxy	19.3868, 0.3102, 0.4652
Android (android.graphics.Color)	4283270985 (0xFF4D8749)
YUV	110.5900, -18.5319, -29.4584
Hunter-Lab	44.0304, -24.6464, 18.2120

Details

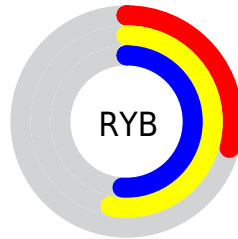
The Hex color **4D8749** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **834987**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **81BD7B**, and **18551B** is the 20% darker color. If you saturate the color by 10%, you get **40873B**, and if you desaturate by 10%, it is **5A8756**.

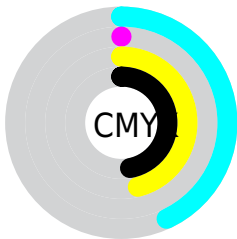
Distribution



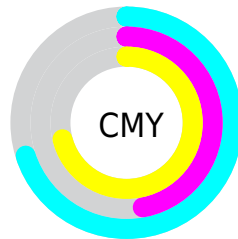
- Red (30%)
- Green (53%)
- Blue (29%)



- Red (29%)
- Yellow (53%)
- Blue (51%)



- Cyan (43%)
- Magenta (0%)
- Yellow (46%)
- Black (47%)



- Cyan (70%)
- Magenta (47%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D8749 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 4D8749 by changing the saturation by 10% instead.



4D8749



4D8749

FFFFFF



336D32



81BD7B



18551B



9CD995



003D03



B8F5B0



002700



D4FFCB



000800



F1FFE8



000000



4D8749



4D8749



40873B



5A8756



34872E



668764

 278721

 738772

 1A8713

 80877F

 0E8706

 8C878D

 098700

 99879A

 A587A8

 B287B5

 BF87C3

Harmonies

Analogous

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



777F32



4D8749



008B6C

Triad

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



4D8749



0081C1



BD5C64

Complementary

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



4D8749



834987

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.



B65C88



4D8749



6775BE

Square

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



4D8749



0089B0



9A67A9



B26644

Rectangle

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



4D8749



008C85



9A67A9



BD5A70

Sweetspot

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



4D8749



99B097



878349



4B594A



D9D9D9



595959

Same Dimension

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



4D8749



55B04F



498764



3C423C



088200



000300

Inverse Universe

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



834987



AA4FB0



87496C



423C42



7A0082



020003

Previews

White Background



This preview shows how the Hex color 4D8749 looks on a white background.

Color Contrast Check

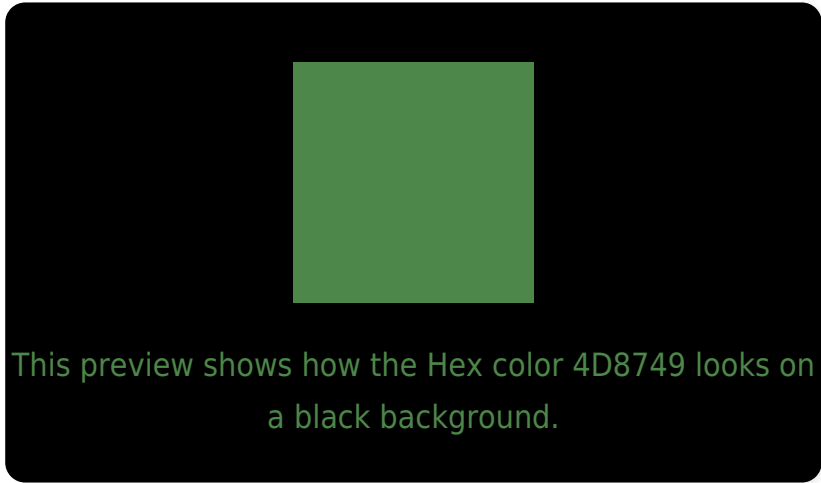
Large Text (above 18pt) WCAG AA ✓ Pass

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

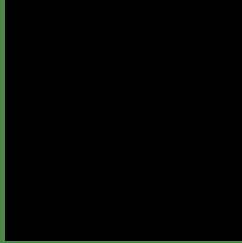
Any Text WCAG AA ✓ Pass

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 4D8749 Background



This preview shows how black text looks on a background with the Hex color 4D8749.




This preview shows how white text looks on a background with the Hex color 4D8749.

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





Tritanopia
5A808A

Trichromacy



Original Color
4D8749

Protanomaly
717E46

Deuteranomaly
797B4C

Tritanomaly
558372

Monochromacy



Original Color
4D8749

Achromatopsia
6F6F6F

Achromatomaly
637861

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D8749 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 #4D8749 looks like.

```
.text, #text, p{  
    color:#4D8749  
}
```

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 #4D8749 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D8749
}
```

Border

The CSS property to change the border of an element to Hex 4D8749 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".

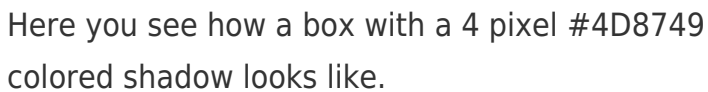
```
.border, #border, table{ border:4px solid
#4D8749 }
```

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

```
.border{ border-color:#4D8749 }
```

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

Here you see how a box with a 4 pixel #4D8749 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D8749; -webkit-box-shadow:4px 4px  
4px 4px #4D8749; box-shadow:4px 4px 4px  
4px #4D8749 }
```

Background

The CSS property to change the background color of an element to Hex 4D8749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D8749 }
```

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

```
.background{ background-color:#4D8749 }
```

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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