

Converting Colors

Hex(4D8744)

Have a look what the booklet for
Hex(4D8744) contains.

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Color

Hex(4D8744)

Conversions

Conversions Part 1

Format	Color
Hex	4D8744
RGB	77, 135, 68
RGB Percent	30%, 53%, 27%
CMY	0.6980, 0.4706, 0.7333
CMYK	0.43, 0.00, 0.50, 0.47
HSL	112°, 33%, 40%
HSV	112°, 50%, 53%
XYZ	12.7679, 19.3231, 8.5256
YIQ	110.0200, -13.0610, -33.1330

Conversions

Conversions Part 2

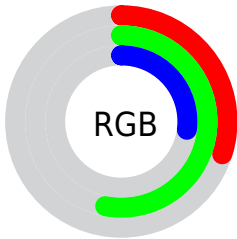
Format	Color
RYB	68, 135, 126
Decimal	5080900
CIELab	51.06, -32.99, 30.06
CIELCh	51, 44.635, 137.659
Yxy	19.3231, 0.3144, 0.4757
Android (android.graphics.Color)	4283270980 (0xFF4D8744)
YUV	110.0200, -20.7159, -28.9585
Hunter-Lab	43.9580, -25.0799, 19.2714

Details

The Hex color **4D8744** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7E4487**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **81BD76**, and **185515** is the 20% darker color. If you saturate the color by 10%, you get **418737**, and if you desaturate by 10%, it is **598752**.

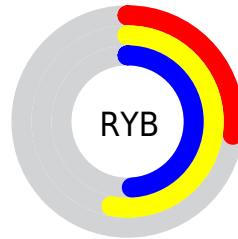
Distribution



Red (30%)

Green (53%)

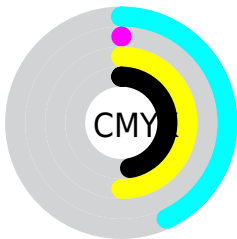
Blue (27%)



Red (27%)

Yellow (53%)

Blue (49%)

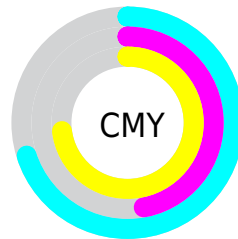


Cyan (43%)

Magenta (0%)

Yellow (50%)

Black (47%)



Cyan (70%)

Magenta (47%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D8744 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 4D8744 by changing the saturation by 10% instead.

 4D8744

 4D8744

FFFFFF

 336D2C

 81BD76

 185515

 9CD990

 003D00

 B8F5AA

 002700

 D4FFC6

 000700

 F1FFE2

 000000

 4D8744

 4D8744

 418737

 598752

 368729

 64875F

 2A871C

 70876D

 1E870E

 7C877A

 138701

 878788

 128700

 938795

 9F87A3

 AA87B0

 B687BE

Harmonies

Analogous

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



797F2C



4D8744



008C68

Triad

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



4D8744



0082C4



C05965

Complementary

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



4D8744



7E4487

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.



B85A8B



4D8744



6076C2

Square

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



4D8744



008AB1



9866AD



B66443

Rectangle

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



4D8744



008D83



9866AD



C05871

Sweetspot

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



4D8744



99B096



877D44



4B5949



D9D9D9



595959

Same Dimension

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



4D8744



55B046



44875B



3D423C



118200



000300

Inverse Universe

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



7E4487



A246B0



874470



413C42



710082



020003

Previews

White Background



This preview shows how the Hex color 4D8744 looks on a white background.

Color Contrast Check

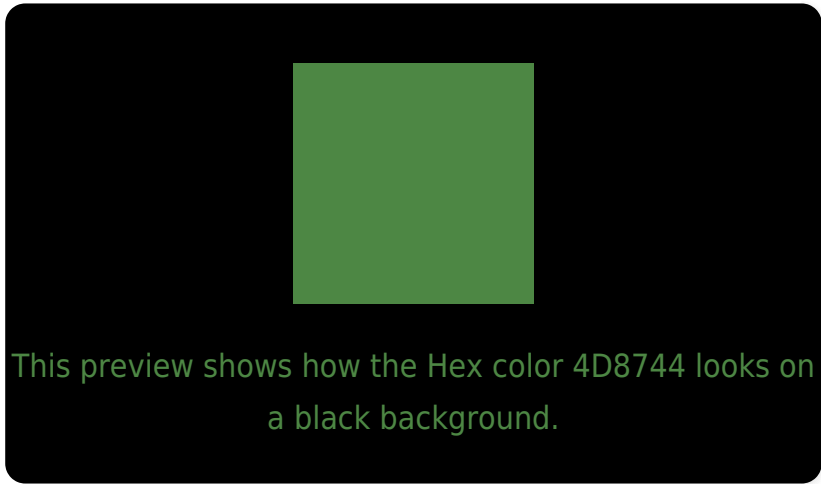
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D8744 Background



This preview shows how black text looks on a background with the Hex color 4D8744.



This preview shows how white text looks on a background with the Hex color 4D8744.

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
4D8744

Protanopia
86793F

Deuteranopia
937449



Tritanopia
5A7F8A

Trichromacy



Original Color
4D8744

Protanomaly
717E41

Deuteranomaly
7A7B47

Tritanomaly
558271

Monochromacy



Original Color
4D8744

Achromatopsia
6E6E6E

Achromatomaly
62775F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D8744 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 #4D8744 looks like.

```
.text, #text, p{  
    color:#4D8744  
}
```

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 #4D8744 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D8744  
}
```

Border

The CSS property to change the border of an element to Hex 4D8744 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  
#4D8744 }
```

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

```
.border{ border-color:#4D8744 }
```

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

Here you see how a box with a 4 pixel #4D8744 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D8744; -webkit-box-shadow:4px 4px  
4px 4px #4D8744; box-shadow:4px 4px 4px  
4px #4D8744 }
```

Background

The CSS property to change the background color of an element to Hex 4D8744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D8744 }
```

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

```
.background{ background-color:#4D8744 }
```

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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