

# Converting Colors

Hex(4D904D)

Have a look what the booklet for  
Hex(4D904D) contains.

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# Color

**Hex(4D904D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D904D
RGB	77, 144, 77
RGB Percent	30%, 56%, 30%
CMY	0.6980, 0.4353, 0.6980
CMYK	0.47, 0.00, 0.47, 0.44
HSL	120°, 30%, 43%
HSV	120°, 47%, 56%
XYZ	14.3734, 22.0601, 10.5217
YIQ	116.3290, -18.4250, -35.0410

# Conversions

## Conversions Part 2

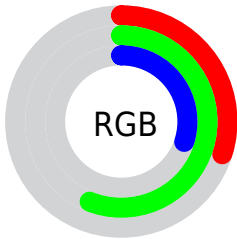
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 144, 144
Decimal	5083213
CIELab	54.09, -35.73, 29.07
CIELCh	54, 46.061, 140.870
Yxy	22.0601, 0.3061, 0.4698
Android (android.graphics.Color)	4283273293 (0xFF4D904D)
YUV	116.3290, -19.3892, -34.4915
Hunter-Lab	46.9682, -27.5691, 19.5958

# Details

The Hex color **4D904D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **904D90**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **82C67F**, and **155D1E** is the 20% darker color. If you saturate the color by 10%, you get **3F903F**, and if you desaturate by 10%, it is **5B905B**.

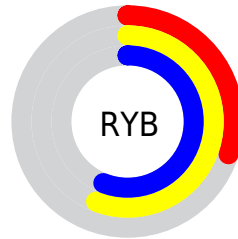
# Distribution



Red (30%)

Green (56%)

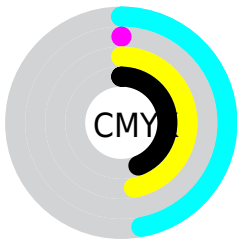
Blue (30%)



Red (30%)

Yellow (56%)

Blue (56%)

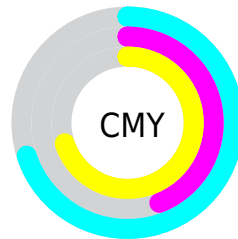


Cyan (47%)

Magenta (0%)

Yellow (47%)

Black (44%)



Cyan (70%)

Magenta (44%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D904D 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 4D904D by changing the saturation by 10% instead.




 4D904D

 4D904D

FFFFFF

 337635

 82C67F

 155D1E

 9DE399

 004506

 B9FFB4

 002E00

 D6FFD0

 001700

 F3FFED

 000000

 4D904D

 4D904D

 3F903F

 5B905B

 309030

 6A906A

■ 229022

■ 789078

■ 139013

■ 879087

■ 059005

■ 959095

■ 009000

■ A390A3

■ B290B2

■ C090C0

■ CF90CF

# Harmonies

## Analogous

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



7D8833



4D904D



009473

# Triad

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



4D904D



0089D0



CB6067

# Complementary

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



4D904D



904D90

# 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.



C4608F



4D904D



6F7CCC

# Square

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



4D904D



0092BE



A66CB4



BE6C45

# Rectangle

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



4D904D



00958F



A66CB4



CB5E74



# Sweetspot

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



4D904D



A0BAA0



90904D



4E5E4E



DEDEDE



5E5E5E



# Same Dimension

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



4D904D



52BA52



4D906F



404740



008700



000800



# Inverse Universe

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



904D90



BA52BA



904D6F



474047



870087



080008



# Previews

## White Background



This preview shows how the Hex color 4D904D looks on a white background.

## Color Contrast Check

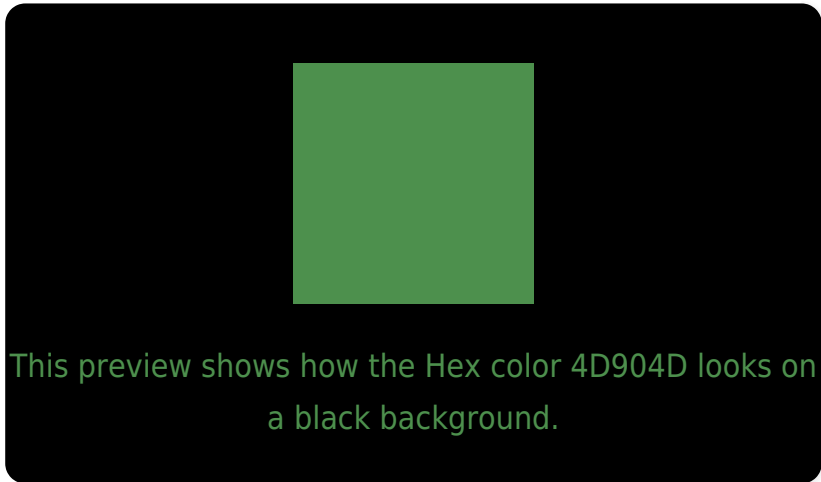
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D904D Background



This preview shows how black text looks on a background with the Hex color 4D904D.

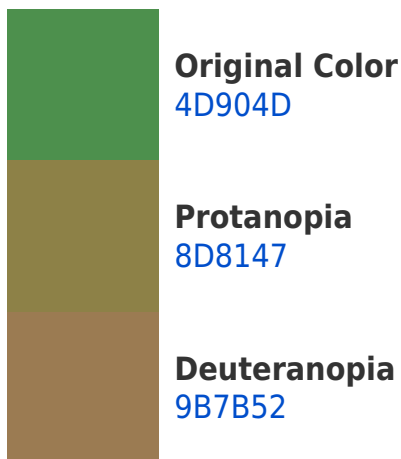



This preview shows how white text looks on a background with the Hex color 4D904D.

# 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**  
5C8893

# Trichromacy



**Original Color**  
4D904D

**Protanomaly**  
768649

**Deuteranomaly**  
7F8350

**Tritanomaly**  
578B7A

# Monochromacy



**Original Color**  
4D904D

**Achromatopsia**  
747474

**Achromatomaly**  
667E66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D904D 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 #4D904D looks like.

```
.text, #text, p{  
    color:#4D904D  
}
```

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 #4D904D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D904D
}
```

## Border

The CSS property to change the border of an element to Hex 4D904D 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
#4D904D }
```

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

```
.border{ border-color:#4D904D }
```

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

Here you see how a box with a 4 pixel #4D904D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D904D; -webkit-box-shadow:4px 4px  
4px 4px #4D904D; box-shadow:4px 4px 4px  
4px #4D904D }
```

# Background

The CSS property to change the background color of an element to Hex 4D904D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D904D }
```

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

```
.background{ background-color:#4D904D }
```

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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