

# Converting Colors

Hex(47874A)

Have a look what the booklet for  
Hex(47874A) contains.

<b>Hex(47874A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(47874A)

# Conversions

## Conversions Part 1

Format	Color
Hex	47874A
RGB	71, 135, 74
RGB Percent	28%, 53%, 29%
CMY	0.7216, 0.4706, 0.7098
CMYK	0.47, 0.00, 0.45, 0.47
HSL	123°, 31%, 40%
HSV	123°, 47%, 53%
XYZ	12.4985, 19.1620, 9.5185
YIQ	108.9100, -18.5630, -32.5390

# Conversions

## Conversions Part 2

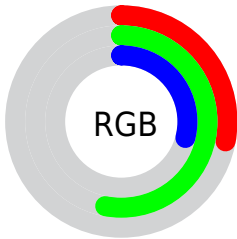
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 132, 135
Decimal	4687690
CIELab	50.88, -34.00, 26.54
CIElCh	51, 43.132, 142.024
Yxy	19.1620, 0.3035, 0.4653
Android (android.graphics.Color)	4282877770 (0xFF47874A)
YUV	108.9100, -17.2106, -33.2471
Hunter-Lab	43.7744, -25.6395, 17.7498

# Details

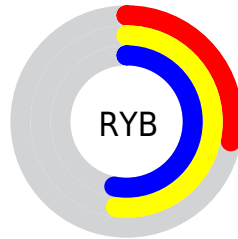
The Hex color **47874A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **874784**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7BBD7C**, and **0F541C** is the 20% darker color. If you saturate the color by 10%, you get **3A873D**, and if you desaturate by 10%, it is **558757**.

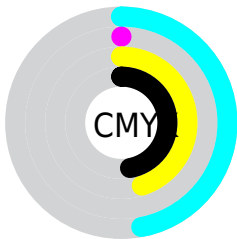
# Distribution



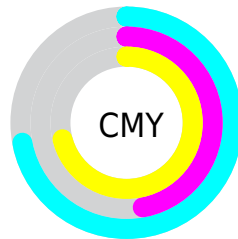
- Red (28%)
- Green (53%)
- Blue (29%)



- Red (28%)
- Yellow (52%)
- Blue (53%)



- Cyan (47%)
- Magenta (0%)
- Yellow (45%)
- Black (47%)



- Cyan (72%)
- Magenta (47%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 47874A 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 47874A by changing the saturation by 10% instead.



 47874A

 47874A

FFFFFF

 2D6D33

 7BBD7C

 0F541C

 96D996

 003D04

 B2F5B1

 002700

 CEFFCC

 000600

 EBFFE9

 000000

 47874A

 47874A

 3A873D

 558757

 2C8730

 628764

■ 1F8723

■ 708771

■ 118717

■ 7D877D

■ 03870A

■ 8B878A

■ 008706

■ 988797

■ A687A4

■ B387B1

■ C187BE

# Harmonies

## Analogous

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



737F31



47874A



008B6E

# Triad

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



47874A



0080C2



BD5B60

# Complementary

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



47874A



874784

# 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.



B85A85



47874A



6B73BD

# Square

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



47874A



0088B2



9D65A7



B16640

# Rectangle

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



47874A



008C87



9D65A7



BE596C



# Sweetspot

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



47874A



97B098



858747



4A594B



D9D9D9



595959



# Same Dimension

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



47874A



4CB050



478769



3C423C



008206



000300



# Inverse Universe

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



874784



B04CAB



874765



423C42



82007C



030002



# Previews

## White Background



This preview shows how the Hex color 47874A looks on a white background.

## Color Contrast Check

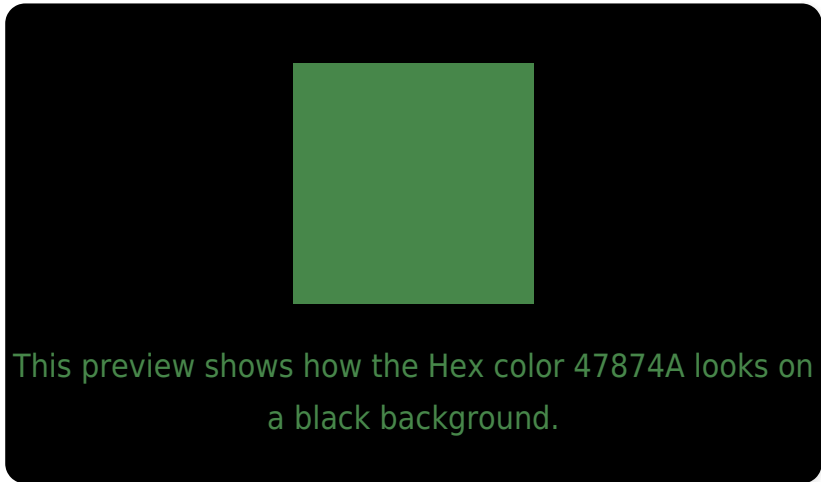
Large Text (above 18pt) WCAG AA ✓ Pass

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 47874A Background



This preview shows how black text looks on a background with the Hex color 47874A.



This preview shows how white text looks on a background with the Hex color 47874A.

# 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**  
47874A

**Protanopia**  
847945

**Deuteranopia**  
91734F



**Tritanopia**  
55808A

# Trichromacy



**Original Color**  
47874A

**Protanomaly**  
6E7E47

**Deuteranomaly**  
767A4D

**Tritanomaly**  
508373

# Monochromacy



**Original Color**  
47874A

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
5F7660

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 47874A 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 #47874A looks like.

```
.text, #text, p{  
    color:#47874A  
}
```

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 #47874A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47874A
}
```

## Border

The CSS property to change the border of an element to Hex 47874A 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
#47874A }
```

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

```
.border{ border-color:#47874A }
```

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

Here you see how a box with a 4 pixel #47874A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47874A; -webkit-box-shadow:4px 4px  
4px 4px #47874A; box-shadow:4px 4px 4px  
4px #47874A }
```

# Background

The CSS property to change the background color of an element to Hex 47874A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47874A }
```

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

```
.background{ background-color:#47874A }
```

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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