

# Converting Colors

Hex(60874C)

Have a look what the booklet for  
Hex(60874C) contains.

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**Color**

**Hex(60874C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	60874C
RGB	96, 135, 76
RGB Percent	38%, 53%, 30%
CMY	0.6235, 0.4706, 0.7020
CMYK	0.29, 0.00, 0.44, 0.47
HSL	100°, 28%, 41%
HSV	100°, 44%, 53%
XYZ	14.7924, 20.3365, 9.9832
YIQ	116.6130, -4.3050, -26.6170

# Conversions

## Conversions Part 2

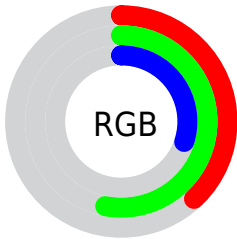
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 135, 115
Decimal	6326092
CIELab	52.22, -25.08, 27.43
CIELCh	52, 37.169, 132.444
Yxy	20.3365, 0.3279, 0.4508
Android (android.graphics.Color)	4284516172 (0xFF60874C)
YUV	116.6130, -20.0222, -18.0776
Hunter-Lab	45.0961, -20.3668, 18.4419

# Details

The Hex color **60874C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **734C87**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **94BD7E**, and **2F551E** is the 20% darker color. If you saturate the color by 10%, you get **57873F**, and if you desaturate by 10%, it is **69875A**.

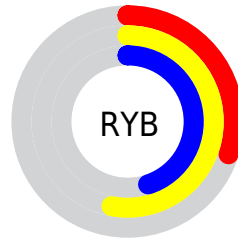
# Distribution



Red (38%)

Green (53%)

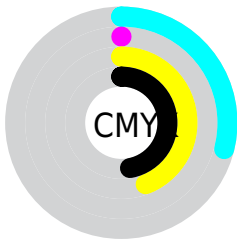
Blue (30%)



Red (30%)

Yellow (53%)

Blue (45%)

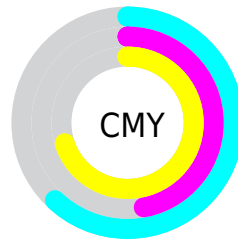


Cyan (29%)

Magenta (0%)

Yellow (44%)

Black (47%)



Cyan (62%)

Magenta (47%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60874C 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 60874C by changing the saturation by 10% instead.



 60874C

 60874C

FFFFFF

 476E34

 94BD7E

 2F551E

 AFD898

 173D06

 CBF5B3

 002700

 E7FFCF

 000F00

 FFFFEB

 000000

 60874C

 60874C

 57873F

 69875A

 4E8731

 728767

 458724

 7B8775

 3C8716

 848782

 338709

 8D8790

 2E8700

 96879D

 9E87AB

 A787B8

 B087C6

# Harmonies

## Analogous

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



837F3C



60874C



328C68

# Triad

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



60874C



0585B9



B96270

# Complementary

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



60874C



734C87

# 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.



AE6591



60874C



617BBB

# Square

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



60874C



008BA7



916FAC



B36953

# Rectangle

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



60874C



008D7E



916FAC



B7627B



# Sweetspot

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



60874C



A1B099



87724C



50594B



D9D9D9



595959



# Same Dimension

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



60874C



73B054



4C8755



3E423C



2C8200



010300



# Inverse Universe

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



734C87



9154B0



874C7E



403C42



560082



020003



# Previews

## White Background



This preview shows how the Hex color 60874C looks on a white background.

## Color Contrast Check

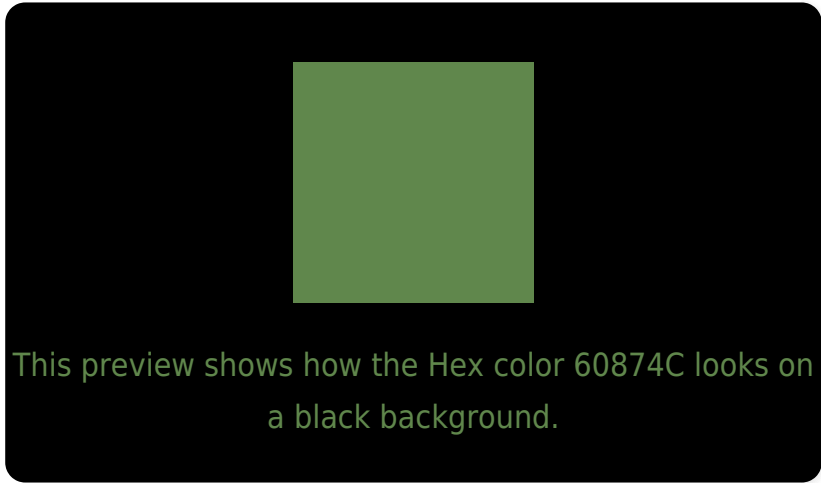
Large Text (above 18pt) WCAG AA ✓ Pass

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 60874C Background



This preview shows how black text looks on a background with the Hex color 60874C.



This preview shows how white text looks on a background with the Hex color 60874C.

# 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**  
60874C

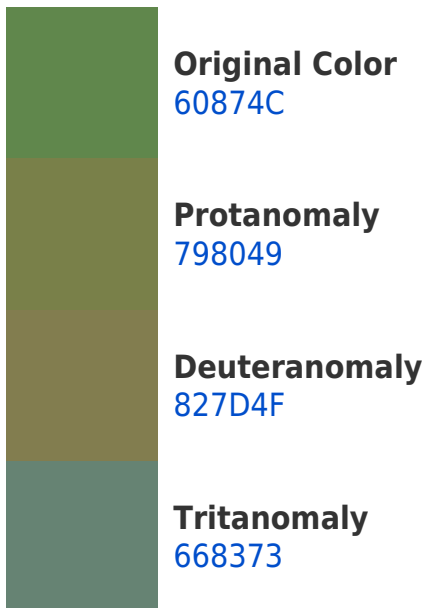
**Protanopia**  
887C48

**Deuteranopia**  
957750

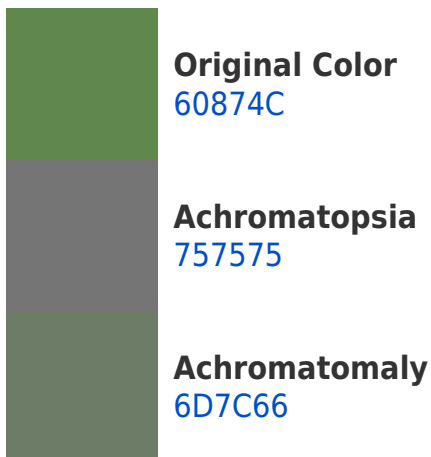


**Tritanopia**  
6A808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60874C 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 #60874C looks like.

```
.text, #text, p{  
    color:#60874C  
}
```

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 #60874C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60874C
}
```

## Border

The CSS property to change the border of an element to Hex 60874C 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
#60874C }
```

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

```
.border{ border-color:#60874C }
```

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

Here you see how a box with a 4 pixel #60874C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60874C; -webkit-box-shadow:4px 4px  
4px 4px #60874C; box-shadow:4px 4px 4px  
4px #60874C }
```

# Background

The CSS property to change the background color of an element to Hex 60874C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60874C }
```

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

```
.background{ background-color:#60874C }
```

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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