

# Converting Colors

Hex(63834A)

Have a look what the booklet for  
Hex(63834A) contains.

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# Color

Hex(63834A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	63834A
RGB	99, 131, 74
RGB Percent	39%, 51%, 29%
CMY	0.6118, 0.4863, 0.7098
CMYK	0.24, 0.00, 0.44, 0.49
HSL	94°, 28%, 40%
HSV	94°, 44%, 51%
XYZ	14.4979, 19.3797, 9.4551
YIQ	114.9340, -0.7750, -24.5110

# Conversions

## Conversions Part 2

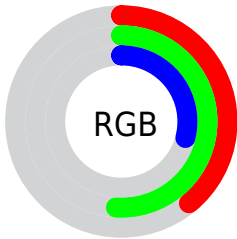
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 131, 106
Decimal	6521674
CIELab	51.13, -22.19, 27.17
CIELCh	51, 35.085, 129.241
Yxy	19.3797, 0.3346, 0.4472
Android (android.graphics.Color)	4284711754 (0xFF63834A)
YUV	114.9340, -20.1805, -13.9741
Hunter-Lab	44.0223, -18.2535, 18.0814

# Details

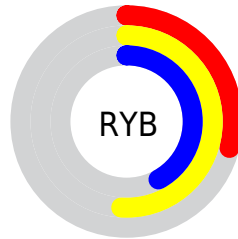
The Hex color **63834A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **6A4A83**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **97B87C**, and **32511C** is the 20% darker color. If you saturate the color by 10%, you get **5C833D**, and if you desaturate by 10%, it is **6A8357**.

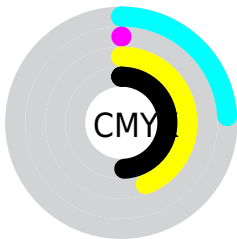
# Distribution



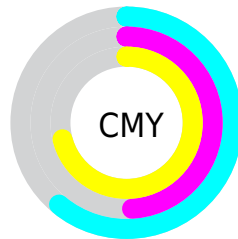
- Red (39%)
- Green (51%)
- Blue (29%)



- Red (29%)
- Yellow (51%)
- Blue (42%)



- Cyan (24%)
- Magenta (0%)
- Yellow (44%)
- Black (49%)



- Cyan (61%)
- Magenta (49%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63834A 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 63834A by changing the saturation by 10% instead.





63834A



63834A

FFFFFF



4A6A33



97B87C



32511C



B2D496



1B3A04



CEF0B1



022400



E AFFCC



000800



FFFFE9



000000



63834A



63834A



5C833D



6A8357



548330



728364

■ 4D8323

■ 798371

■ 468316

■ 80837E

■ 3E8309

■ 88838B

■ 398300

■ 8F8399

■ 9683A6

■ 9E83B3

■ A583C0

# Harmonies

## Analogous

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



837B3D



63834A



3B8864

# Triad

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



63834A



0983B1



B36172

# Complementary

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



63834A



6A4A83

# 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.



A66590



63834A



5B7AB5

# Square

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



63834A



00889F



896EA8



AF6755

# Rectangle

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



63834A



0B8978



896EA8



B1617C



# Sweetspot

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



63834A



9EAB95



83694A



4F5749



D6D6D6



575757



# Same Dimension

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



63834A



79AB52



4A834D



3F423C



398200



010300



# Inverse Universe

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



6A4A83



8452AB



834A80



3F3C42



490082



010003



# Previews

## White Background



This preview shows how the Hex color 63834A looks on a white background.

## Color Contrast Check

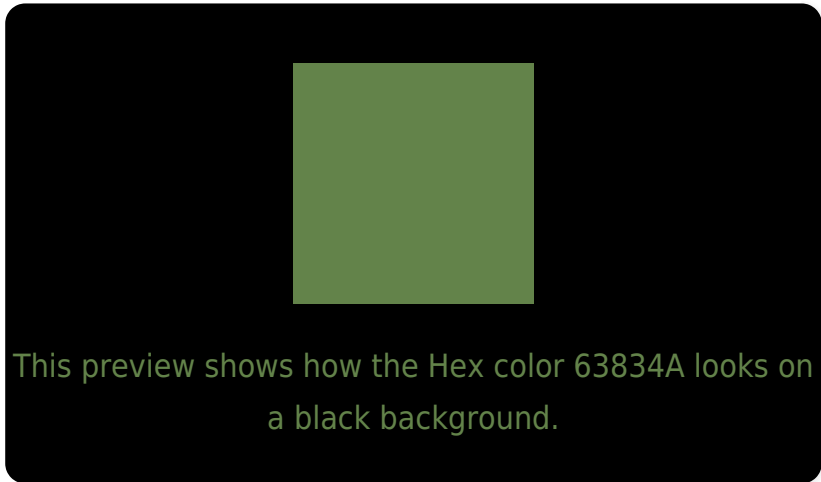
Large Text (above 18pt) WCAG AA ✓ Pass

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

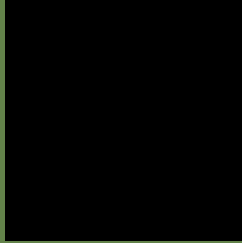
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 63834A Background



This preview shows how black text looks on a background with the Hex color 63834A.



This preview shows how white text looks on a background with the Hex color 63834A.

# 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**  
63834A

**Protanopia**  
857946

**Deuteranopia**  
92744E



**Tritanopia**  
6C7C86

# Trichromacy



**Original Color**  
63834A

**Protanomaly**  
797D47

**Deuteranomaly**  
81794D

**Tritanomaly**  
697F70

# Monochromacy



**Original Color**  
63834A

**Achromatopsia**  
737373

**Achromatomaly**  
6D7964

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63834A 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 #63834A looks like.

```
.text, #text, p{  
    color:#63834A  
}
```

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 #63834A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63834A
}
```

## Border

The CSS property to change the border of an element to Hex 63834A 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
#63834A }
```

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

```
.border{ border-color:#63834A }
```

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

Here you see how a box with a 4 pixel #63834A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63834A; -webkit-box-shadow:4px 4px  
4px 4px #63834A; box-shadow:4px 4px 4px  
4px #63834A }
```

# Background

The CSS property to change the background color of an element to Hex 63834A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63834A }
```

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

```
.background{ background-color:#63834A }
```

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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