

# Converting Colors

Hex(63704A)

Have a look what the booklet for  
Hex(63704A) contains.

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# Color

Hex(63704A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	63704A
RGB	99, 112, 74
RGB Percent	39%, 44%, 29%
CMY	0.6118, 0.5608, 0.7098
CMYK	0.12, 0.00, 0.34, 0.56
HSL	81°, 20%, 36%
HSV	81°, 34%, 44%
XYZ	12.1758, 14.7354, 8.6810
YIQ	103.7810, 4.4500, -14.5740

# Conversions

## Conversions Part 2

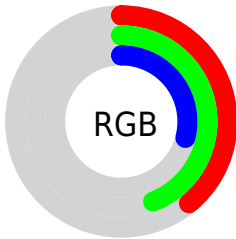
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 112, 87
Decimal	6516810
CIELab	45.27, -12.04, 19.56
CIElCh	45, 22.967, 121.621
Yxy	14.7354, 0.3421, 0.4140
Android (android.graphics.Color)	4284706890 (0xFF63704A)
YUV	103.7810, -14.6820, -4.1929
Hunter-Lab	38.3867, -10.5588, 13.4624

# Details

The Hex color **63704A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **574A70**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **96A47B**, and **34401D** is the 20% darker color. If you saturate the color by 10%, you get **5F703F**, and if you desaturate by 10%, it is **677055**.

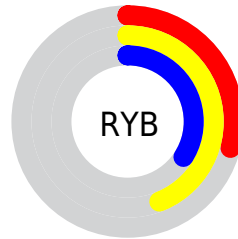
# Distribution



Red (39%)

Green (44%)

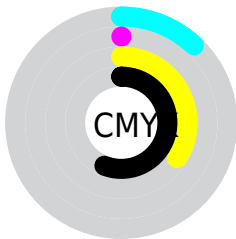
Blue (29%)



Red (29%)

Yellow (44%)

Blue (34%)

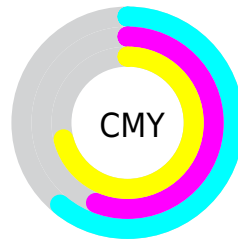


Cyan (12%)

Magenta (0%)

Yellow (34%)

Black (56%)



Cyan (61%)

Magenta (56%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63704A 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 63704A by changing the saturation by 10% instead.





63704A



63704A

FFFFFF



4B5833



96A47B



34401D



B1BF95



1E2A06



CDDBB0



001700



E9F7CB



000000



FFFFE7



63704A



63704A



5F703F



677055



5B7034



6B7060

■ 587028

■ 6E706C

■ 54701D

■ 727077

■ 507012

■ 767082

■ 4C7007

■ 7A708D

■ 4A7000

■ 7E7098

■ 8270A4

■ 8570AF

# Harmonies

## Analogous

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



776A45



63704A



4D7458

# Triad

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



63704A



37728C



905D6B

# Complementary

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



63704A



574A70

# 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.



84607E



63704A



536D91

# Square

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



63704A



2A757F



6F668C



905E58

# Rectangle

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



63704A



3D7565



6F668C



8D5D71



# Sweetspot

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



63704A



8C9183



70574A



474A41



C9C9C9



4A4A4A



# Same Dimension

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



63704A



7D9156



50704A



363832



4F7800



A3F700



# Inverse Universe

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



574A70



6A5691



6A4A70



343238



290078



5500F7



# Previews

## White Background



This preview shows how the Hex color 63704A looks on a white background.

## Color Contrast Check

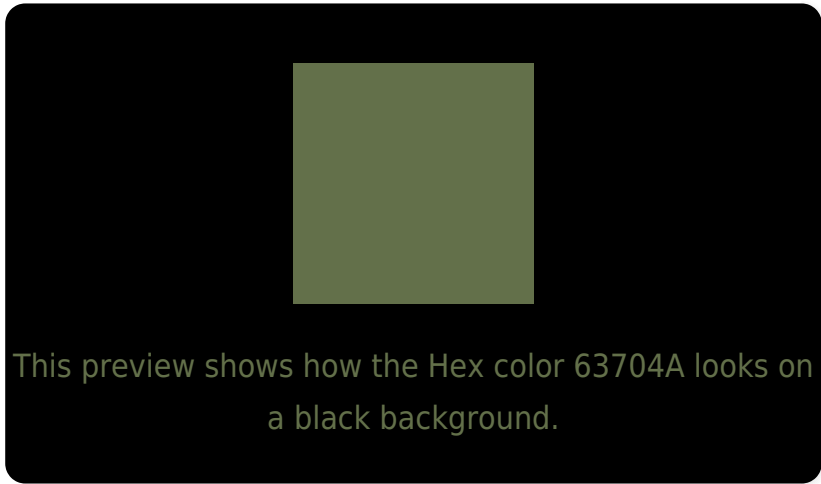
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

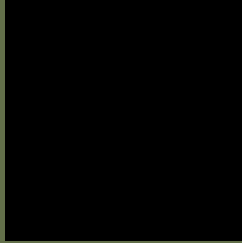
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

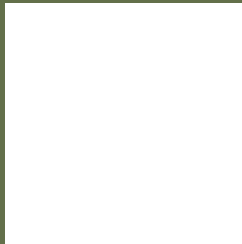
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 63704A Background



This preview shows how black text looks on a background with the Hex color 63704A.



This preview shows how white text looks on a background with the Hex color 63704A.

# 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**  
63704A

**Protanopia**  
746B48

**Deuteranopia**  
7F664C



**Tritanopia**  
696B73

# Trichromacy



**Original Color**  
63704A

**Protanomaly**  
6E6D49

**Deuteranomaly**  
756A4B

**Tritanomaly**  
676D64

# Monochromacy



**Original Color**  
63704A

**Achromatopsia**  
686868

**Achromatomaly**  
666B5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63704A 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 #63704A looks like.

```
.text, #text, p{  
    color:#63704A  
}
```

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 #63704A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63704A
}
```

## Border

The CSS property to change the border of an element to Hex 63704A 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
#63704A }
```

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

```
.border{ border-color:#63704A }
```

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

Here you see how a box with a 4 pixel #63704A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63704A; -webkit-box-shadow:4px 4px  
4px 4px #63704A; box-shadow:4px 4px 4px  
4px #63704A }
```

# Background

The CSS property to change the background color of an element to Hex 63704A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63704A }
```

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

```
.background{ background-color:#63704A }
```

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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