

# Converting Colors

Hex(63413A)

Have a look what the booklet for  
Hex(63413A) contains.

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**Color**

**Hex(63413A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	63413A
RGB	99, 65, 58
RGB Percent	39%, 25%, 23%
CMY	0.6118, 0.7451, 0.7725
CMYK	0.00, 0.34, 0.41, 0.61
HSL	10°, 26%, 31%
HSV	10°, 41%, 39%
XYZ	7.7996, 6.7387, 4.8926
YIQ	74.3680, 22.5110, 5.0310

# Conversions

## Conversions Part 2

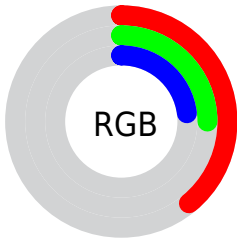
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 66, 58
Decimal	6504762
CIE <sub>Lab</sub>	31.20, 13.81, 10.28
CIE <sub>LCh</sub>	31, 17.218, 36.675
Yxy	6.7387, 0.4014, 0.3468
Android (android.graphics.Color)	4284694842 (0xFF63413A)
YUV	74.3680, -8.0694, 21.6023
Hunter-Lab	25.9591, 8.2034, 6.9967

# Details

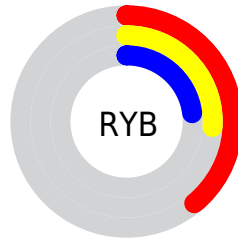
The Hex color **63413A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3A5C63**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **977169**, and **331610** is the 20% darker color. If you saturate the color by 10%, you get **633930**, and if you desaturate by 10%, it is **634944**.

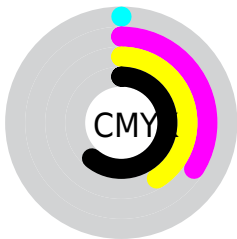
# Distribution



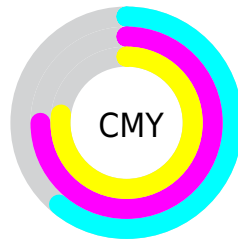
- Red (39%)
- Green (25%)
- Blue (23%)



- Red (39%)
- Yellow (26%)
- Blue (23%)



- Cyan (0%)
- Magenta (34%)
- Yellow (41%)
- Black (61%)



- Cyan (61%)
- Magenta (75%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63413A 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 63413A by changing the saturation by 10% instead.



■ 63413A

■ 63413A

FFFFFF

■ 4A2B24

■ 977169

■ 331610

■ B28B82

■ 1E0000

■ CEA59C

■ 000000

■ EBC0B7

■ FFD0D3

■ FFF9EF

■ 63413A

■ 63413A

■ 633930

■ 634944

■ 633126

■ 63514E

■ 63281C

■ 635A58

■ 632012

■ 636262

■ 631809

■ 636A6C

■ 631100

■ 637275

■ 637A7F

■ 638389

■ 638B93

# Harmonies

## Analogous

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



643F47



63413A



5C4531

# Triad

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



63413A



31503E



3C4A64

# Complementary

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



63413A



3A5C63

# 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.



284E62



63413A



23514C

# Square

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



63413A



414D33



1D5059



4F455F

# Rectangle

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



63413A



54482F



1D5059



354B64



# Sweetspot

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



63413A



807370



633A5C



403837



BFBFBF



404040



# Same Dimension

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



63413A



804B40



63553A



302C2C



701300



F02900



# Inverse Universe

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



3A5C63



407580



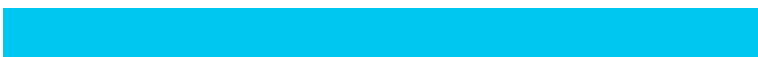
3A4863



2C3030



005D70



00C7F0



# Previews

## White Background



This preview shows how the Hex color 63413A looks on a white background.

## Color Contrast Check

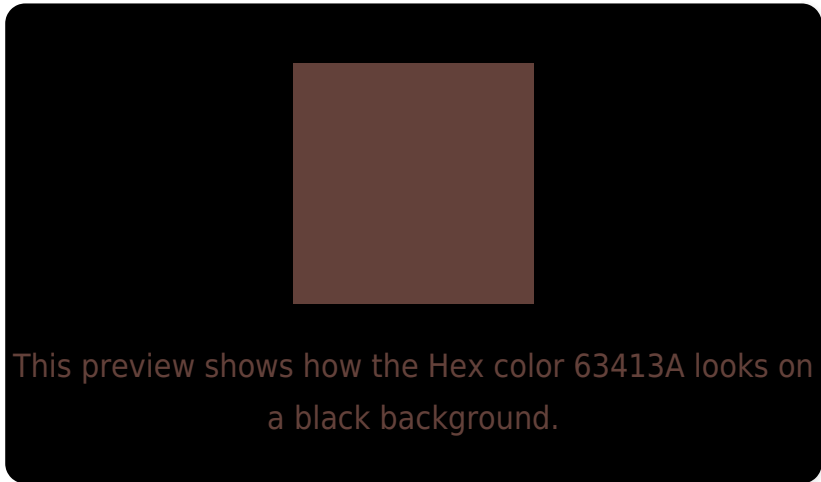
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

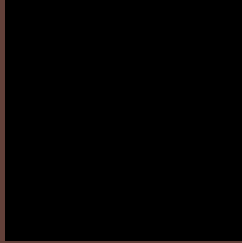
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 63413A Background



This preview shows how black text looks on a background with the Hex color 63413A.

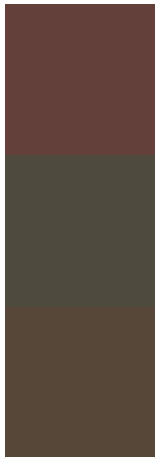


This preview shows how white text looks on a background with the Hex color 63413A.

# 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**  
63413A

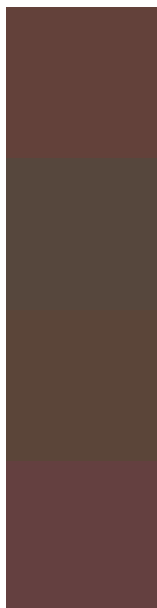
**Protanopia**  
4E4A3E

**Deuteranopia**  
574739



**Tritanopia**  
644044

# Trichromacy



**Original Color**

63413A

**Protanomaly**

56473D

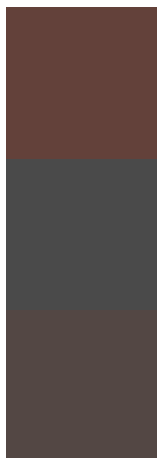
**Deuteranomaly**

5B4539

**Tritanomaly**

644040

# Monochromacy



**Original Color**

63413A

**Achromatopsia**

4A4A4A

**Achromatomaly**

534744

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63413A 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 #63413A looks like.

```
.text, #text, p{  
    color:#63413A  
}
```

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 #63413A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63413A
}
```

## Border

The CSS property to change the border of an element to Hex 63413A is called "border". The border property can be set on classes, ids or directly on the HTML element.

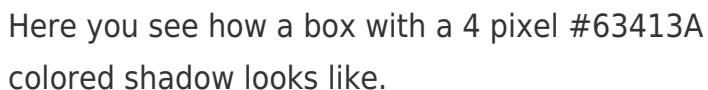
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63413A }
```

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

```
.border{ border-color:#63413A }
```

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



Here you see how a box with a 4 pixel #63413A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63413A; -webkit-box-shadow:4px 4px  
4px 4px #63413A; box-shadow:4px 4px 4px  
4px #63413A }
```

# Background

The CSS property to change the background color of an element to Hex 63413A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63413A }
```

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

```
.background{ background-color:#63413A }
```

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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