

# Converting Colors

Hex(633442)

Have a look what the booklet for  
Hex(633442) contains.

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# Color

Hex(633442)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	633442
RGB	99, 52, 66
RGB Percent	39%, 20%, 26%
CMY	0.6118, 0.7961, 0.7412
CMYK	0.00, 0.47, 0.33, 0.61
HSL	342°, 31%, 30%
HSV	342°, 47%, 39%
XYZ	7.3570, 5.5020, 5.8285
YIQ	67.6490, 23.5180, 14.3180

# Conversions

## Conversions Part 2

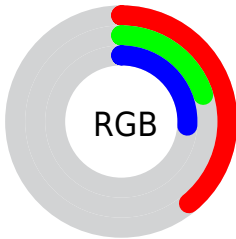
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 52, 66
Decimal	6501442
CIELab	28.12, 22.92, 0.69
CIELCh	28, 22.927, 1.732
Yxy	5.5020, 0.3937, 0.2944
Android (android.graphics.Color)	4284691522 (0xFF633442)
YUV	67.6490, -0.8130, 27.4948
Hunter-Lab	23.4563, 14.9371, 1.6869

# Details

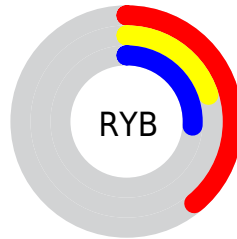
The Hex color **633442** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **346355**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **976472**, and **320718** is the 20% darker color. If you saturate the color by 10%, you get **632A3B**, and if you desaturate by 10%, it is **633E49**.

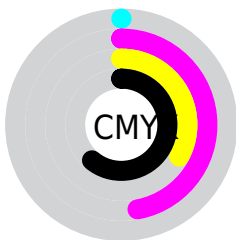
# Distribution



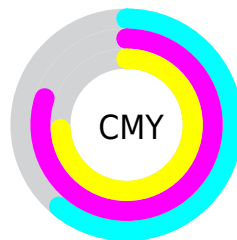
- Red (39%)
- Green (20%)
- Blue (26%)



- Red (39%)
- Yellow (20%)
- Blue (26%)



- Cyan (0%)
- Magenta (47%)
- Yellow (33%)
- Black (61%)



- Cyan (61%)
- Magenta (80%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 633442 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 633442 by changing the saturation by 10% instead.





633442



633442

FFFFFF



4A1E2C



976472



320718



B37D8B



1C0001



CF97A6



000000



EBB2C1



FFCEDD



FFFAF9



633442



633442



632A3B



633E49

632034

634850

63162D

635257

630C26

635C5E

63031F

636665

63001D

636F6C

637973

63837A

638D81

# Harmonies

## Analogous

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



593753



633442



633631

# Triad

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



633442



3A4723



004961

# Complementary

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



633442



346355

# 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.



004B54



633442



244A31

# Square

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



633442



4C421E



004B43



284465

# Rectangle

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



633442



5E3927



004B43



004A5E



# Sweetspot

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



633442



806E73



553463



403538



BFBFBF



404040



# Same Dimension

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



633442



80374C



633D34



302C2D



700021



F00047



# Inverse Universe

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



633442



80374C



345A63



302C2D



700021

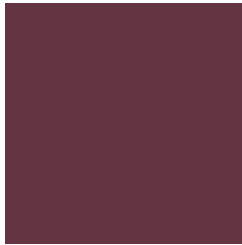


F00047



# Previews

## White Background



This preview shows how the Hex color 633442 looks on a white background.

## Color Contrast Check

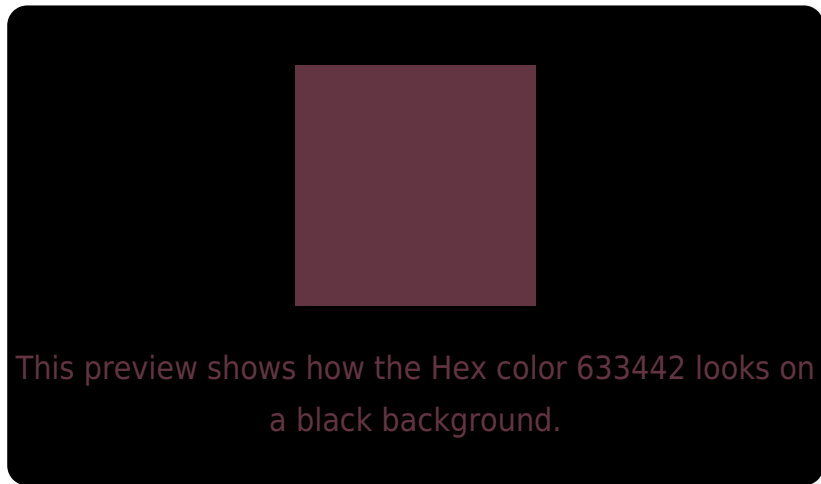
Large Text (above 18pt) WCAG AA ✓ Pass

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

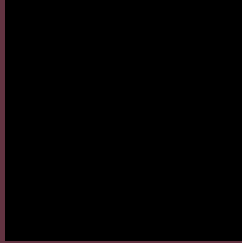
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 633442 Background



This preview shows how black text looks on a background with the Hex color 633442.



This preview shows how white text looks on a background with the Hex color 633442.

# 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**  
633442

**Protanopia**  
42424B

**Deuteranopia**  
4A4140



**Tritanopia**  
623639

# Trichromacy



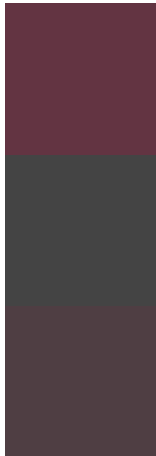
**Original Color**  
633442

**Protanomaly**  
4E3D48

**Deuteranomaly**  
533C41

**Tritanomaly**  
62353C

# Monochromacy



**Original Color**  
633442

**Achromatopsia**  
444444

**Achromatomaly**  
4F3E43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 633442 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 #633442 looks like.

```
.text, #text, p{  
    color:#633442  
}
```

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 #633442 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #633442
}
```

## Border

The CSS property to change the border of an element to Hex 633442 is called "border". The border property can be set on classes, ids or directly on the HTML element.

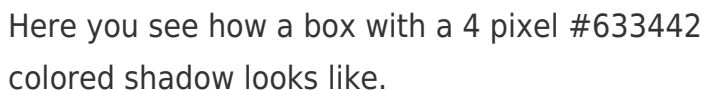
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#633442 }
```

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

```
.border{ border-color:#633442 }
```

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



Here you see how a box with a 4 pixel #633442 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #633442; -webkit-box-shadow:4px 4px  
4px 4px #633442; box-shadow:4px 4px 4px  
4px #633442 }
```

# Background

The CSS property to change the background color of an element to Hex 633442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#633442 }
```

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

```
.background{ background-color:#633442 }
```

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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