

# Converting Colors

Hex(633941)

Have a look what the booklet for  
Hex(633941) contains.

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**Color**

**Hex(633941)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	633941
RGB	99, 57, 65
RGB Percent	39%, 22%, 25%
CMY	0.6118, 0.7765, 0.7451
CMYK	0.00, 0.42, 0.34, 0.61
HSL	349°, 27%, 31%
HSV	349°, 42%, 39%
XYZ	7.5629, 5.9606, 5.7529
YIQ	70.4700, 22.4640, 11.3920

# Conversions

## Conversions Part 2

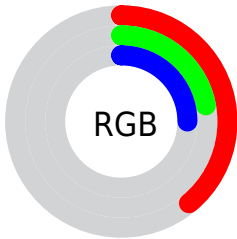
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 57, 65
Decimal	6502721
CIELab	29.31, 19.74, 3.08
CIElCh	29, 19.981, 8.859
Yxy	5.9606, 0.3923, 0.3092
Android (android.graphics.Color)	4284692801 (0xFF633941)
YUV	70.4700, -2.6967, 25.0208
Hunter-Lab	24.4143, 12.5694, 3.1190




# Details

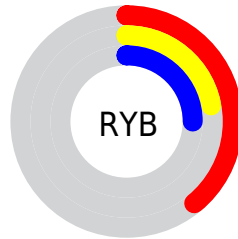
The Hex color **633941** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **39635B**, and the grayscale version is **464646**.




A 20% lighter version of the original color is **976971**, and **320D17** is the 20% darker color. If you saturate the color by 10%, you get **632F39**, and if you desaturate by 10%, it is **634349**.

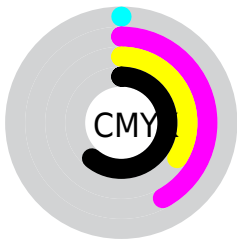
# Distribution







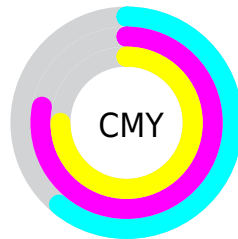
-  Red (39%)
-  Green (22%)
-  Blue (25%)






-  Red (39%)
-  Yellow (22%)
-  Blue (25%)



-  Cyan (0%)
-  Magenta (42%)
-  Yellow (34%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (78%)
-  Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 633941 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 633941 by changing the saturation by 10% instead.



 633941

 633941

FFFFFF

 4A232B

 976971

 320D17

 B2828A

 1E0001

 CE9CA4

 000000

 EBB7BF

 FFD3DB

 FFF0F8

 633941

 633941

 632F39

 634349

■ 632531

■ 634D51

■ 631B29

■ 635759

■ 631121

■ 636161

■ 630819

■ 636B69

■ 630013

■ 637471

■ 637E79

■ 638881

■ 639289

# Harmonies

## Analogous

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



5C3B51



633941



613B32

# Triad

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



633941



3A4A2C



1B4A62

# Complementary

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



633941



39635B

# 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.



034C58



633941



274C39

# Square

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



633941



4B4626



114D49



364563

# Rectangle

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



633941



5C3F2B



114D49



114B5F



# Sweetspot

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



633941



806F72



5B3963



403637



BFBFBF



404040



# Same Dimension

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



633941



803E4B



634639



302C2D



700015



F0002E



# Inverse Universe

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



633941



803E4B



395663



302C2D



700015

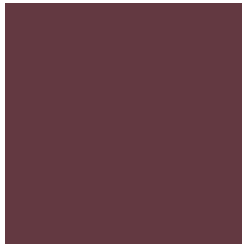


F0002E



# Previews

## White Background



This preview shows how the Hex color 633941 looks on a white background.

## Color Contrast Check

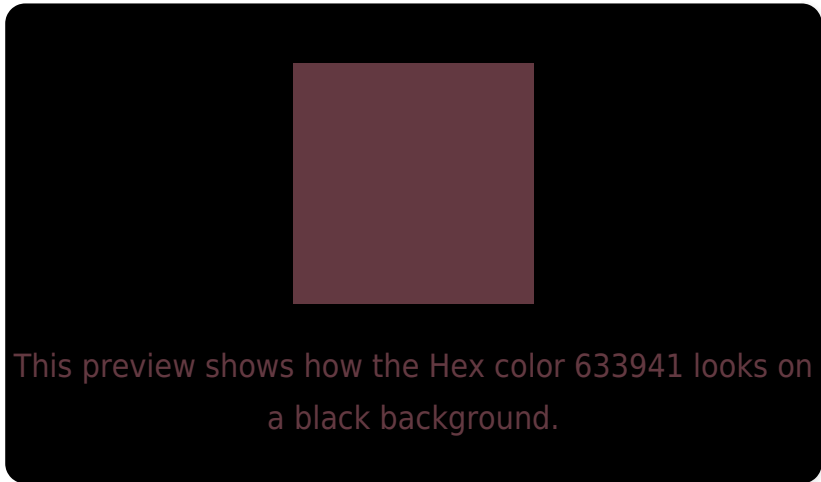
Large Text (above 18pt) WCAG AA ✓ Pass

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

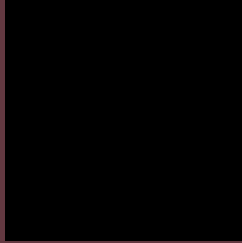
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 633941 Background



This preview shows how black text looks on a background with the Hex color 633941.



This preview shows how white text looks on a background with the Hex color 633941.

# 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**  
633941

**Protanopia**  
464548

**Deuteranopia**  
4F433F



**Tritanopia**  
633A3E

# Trichromacy



**Original Color**  
633941

**Protanomaly**  
514145

**Deuteranomaly**  
563F40

**Tritanomaly**  
633A3F

# Monochromacy



**Original Color**  
633941

**Achromatopsia**  
464646

**Achromatomaly**  
514144

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 633941 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 #633941 looks like.

```
.text, #text, p{  
    color:#633941  
}
```

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 #633941 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #633941
}
```

## Border

The CSS property to change the border of an element to Hex 633941 is called "border". The border property can be set on classes, ids or directly on the HTML element.

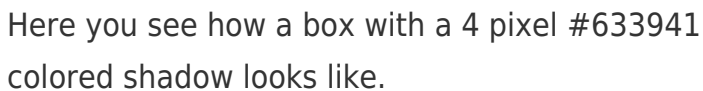
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#633941 }
```

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

```
.border{ border-color:#633941 }
```

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



Here you see how a box with a 4 pixel #633941 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #633941; -webkit-box-shadow:4px 4px  
4px 4px #633941; box-shadow:4px 4px 4px  
4px #633941 }
```

# Background

The CSS property to change the background color of an element to Hex 633941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#633941 }
```

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

```
.background{ background-color:#633941 }
```

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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