

# Converting Colors

Hex(653933)

Have a look what the booklet for  
Hex(653933) contains.

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**Color**

**Hex(653933)**

# Conversions

## Conversions Part 1

Format	Color
Hex	653933
RGB	101, 57, 51
RGB Percent	40%, 22%, 20%
CMY	0.6039, 0.7765, 0.8000
CMYK	0.00, 0.44, 0.50, 0.60
HSL	7°, 33%, 30%
HSV	7°, 50%, 40%
XYZ	7.4275, 5.9320, 3.8855
YIQ	69.4720, 28.1500, 7.4620

# Conversions

## Conversions Part 2

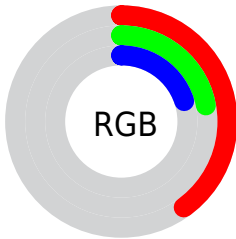
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 58, 51
Decimal	6633779
CIE Lab	29.24, 18.76, 12.16
CIE LCh	29, 22.358, 32.933
Yxy	5.9320, 0.4307, 0.3440
Android (android.graphics.Color)	4284823859 (0xFF653933)
YUV	69.4720, -9.1067, 27.6501
Hunter-Lab	24.3556, 11.8130, 7.5904

# Details

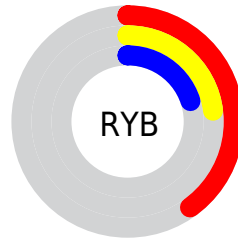
The Hex color **653933** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **335F65**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **9A6961**, and **340D05** is the 20% darker color. If you saturate the color by 10%, you get **653029**, and if you desaturate by 10%, it is **65423D**.

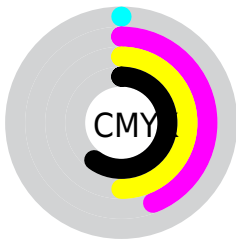
# Distribution



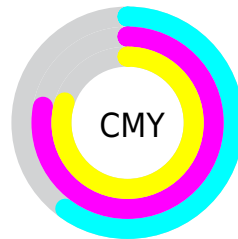
- Red (40%)
- Green (22%)
- Blue (20%)



- Red (40%)
- Yellow (23%)
- Blue (20%)



- Cyan (0%)
- Magenta (44%)
- Yellow (50%)
- Black (60%)



- Cyan (60%)
- Magenta (78%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 653933 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 653933 by changing the saturation by 10% instead.



 653933

 653933

FFFFFF

 4C231E

 9A6961

 340D05

 B6827A

 1D0001

 D29C94

 000000

 EFB7AF

 FFD3CA

 FFEFE6

 653933

 653933

 653029

 65423D

■ 65271F

■ 654B47

■ 651E15

■ 655451

■ 65150B

■ 655D5B

■ 650D01

■ 656566

■ 650C00

■ 656E70

■ 65777A

■ 658084

■ 65898E

# Harmonies

## Analogous

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



653744



653933



5D3E26

# Triad

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



653933



274D35



2D4667

# Complementary

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



653933



335F65

# 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.



024B63



653933



074E46

# Square

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



653933



3C4927



004D57



494062

# Rectangle

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



653933



534222



004D57



224867



# Sweetspot

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



653933



82716F



65335F



423836



C2C2C2



424242



# Same Dimension

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



653933



823F35



655233



332F2E



730E00



F21D00



# Inverse Universe

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



335F65



357982



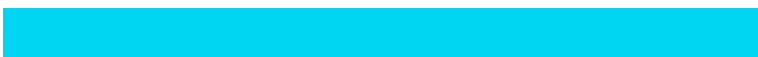
334665



2E3233



006573



00D5F2



# Previews

## White Background



This preview shows how the Hex color 653933 looks on a white background.

## Color Contrast Check

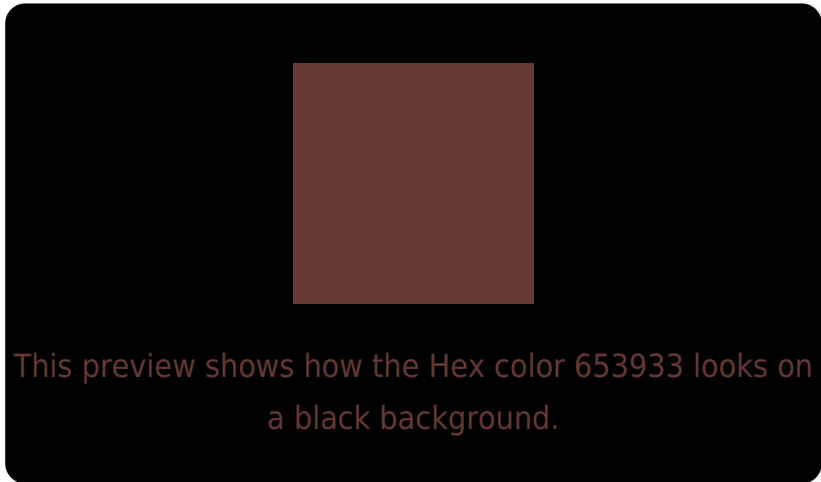
Large Text (above 18pt) WCAG AA ✓ Pass

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 653933 Background



This preview shows how black text looks on a background with the Hex color 653933.

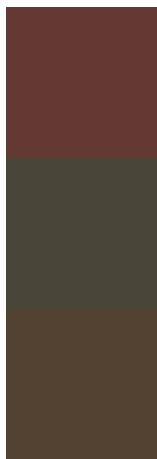


This preview shows how white text looks on a background with the Hex color 653933.

# 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**  
653933

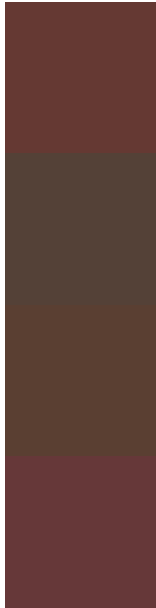
**Protanopia**  
4A4539

**Deuteranopia**  
534231



**Tritanopia**  
66383C

# Trichromacy



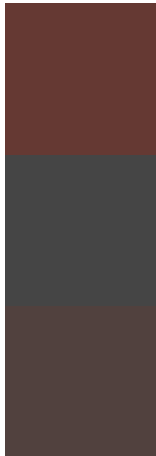
**Original Color**  
653933

**Protanomaly**  
544137

**Deuteranomaly**  
5A3F32

**Tritanomaly**  
663839

# Monochromacy



**Original Color**  
653933

**Achromatopsia**  
454545

**Achromatomaly**  
51413E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 653933 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 #653933 looks like.

```
.text, #text, p{  
    color:#653933  
}
```

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 #653933 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #653933
}
```

## Border

The CSS property to change the border of an element to Hex 653933 is called "border". The border property can be set on classes, ids or directly on the HTML element.

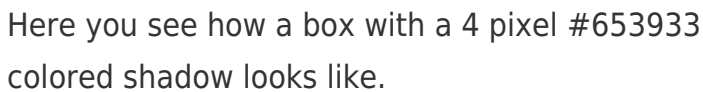
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#653933 }
```

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

```
.border{ border-color:#653933 }
```

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



Here you see how a box with a 4 pixel #653933 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #653933; -webkit-box-shadow:4px 4px  
4px 4px #653933; box-shadow:4px 4px 4px  
4px #653933 }
```

# Background

The CSS property to change the background color of an element to Hex 653933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#653933 }
```

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

```
.background{ background-color:#653933 }
```

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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