

Converting Colors

Hex(633324)

Have a look what the booklet for
Hex(633324) contains.

Hex(633324)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(633324)

Conversions

Conversions Part 1

Format	Color
Hex	633324
RGB	99, 51, 36
RGB Percent	39%, 20%, 14%
CMY	0.6118, 0.8000, 0.8588
CMYK	0.00, 0.48, 0.64, 0.61
HSL	14°, 47%, 26%
HSV	14°, 64%, 39%
XYZ	6.6479, 5.1477, 2.3123
YIQ	63.6420, 33.4230, 5.5110

Conversions

Conversions Part 2

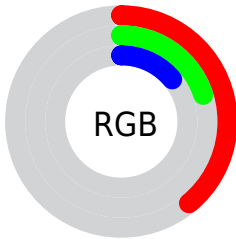
Format	Color
R _Y B	99, 56, 36
Decimal	6501156
CIE Lab	27.15, 20.01, 19.01
CIE LCh	27, 27.604, 43.537
Yxy	5.1477, 0.4712, 0.3649
Android (android.graphics.Color)	4284691236 (0xFF633324)
YUV	63.6420, -13.6275, 31.0090
Hunter-Lab	22.6885, 12.5966, 9.8394

Details

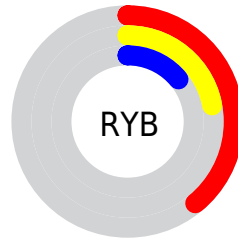
The Hex color **633324** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **245463**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **996251**, and **310700** is the 20% darker color. If you saturate the color by 10%, you get **632B1A**, and if you desaturate by 10%, it is **633B2E**.

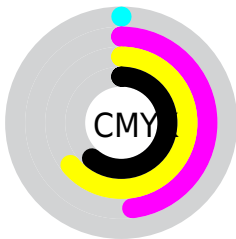
Distribution



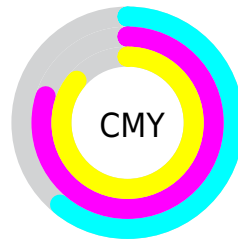
- Red (39%)
- Green (20%)
- Blue (14%)



- Red (39%)
- Yellow (22%)
- Blue (14%)



- Cyan (0%)
- Magenta (48%)
- Yellow (64%)
- Black (61%)



- Cyan (61%)
- Magenta (80%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 633324 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 633324 by changing the saturation by 10% instead.

633324

633324

FFFFFF

491D0F

996251

310700

B57B69

120000

D19582

000000

EEB09C

FFCCB7

FFE8D3

FFFFEF

633324

633324

■ 632B1A

■ 633B2E

■ 632410

■ 634238

■ 631C06

■ 634A42

■ 631800

■ 63514C

■ 635956

■ 63605F

■ 636869

■ 636F73

■ 63777D

Harmonies

Analogous

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



682E37



633324



563B17

Triad

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



633324



034A33



2D3F69

Complementary

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



633324



245463

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.



004668



633324



004B49

Square

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



633324



2C4720



00495D



4E375F

Rectangle

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



633324



4A4014



00495D



1C426A

Sweetspot

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



633324



806D67



632454



403531



BFBFBF



404040

Same Dimension

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



633324



80361F



635224



302D2C



701B00



F03900

Inverse Universe

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



245463



1F6880



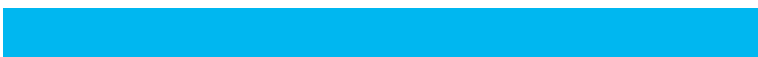
243563



2C2F30



005570



00B7F0

Previews

White Background



This preview shows how the Hex color 633324 looks on a white background.

Color Contrast Check

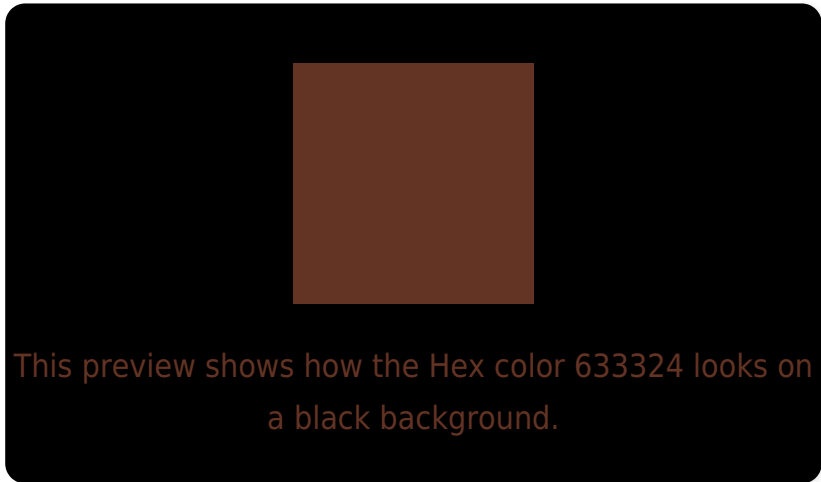
Large Text (above 18pt) WCAG AA ✓ Pass

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

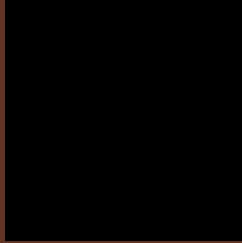
Any Text WCAG AA × Fail

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 633324 Background



This preview shows how black text looks on a background with the Hex color 633324.

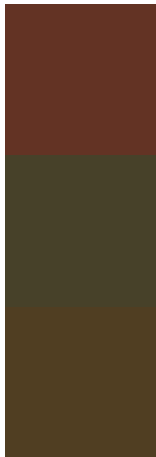


This preview shows how white text looks on a background with the Hex color 633324.

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
633324

Protanopia
474129

Deuteranopia
503E22



Tritanopia
643134

Trichromacy



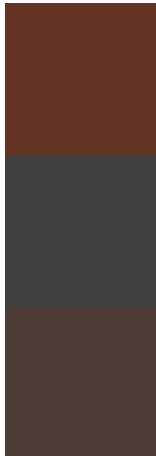
Original Color
633324

Protanomaly
513C27

Deuteranomaly
573A23

Tritanomaly
64322E

Monochromacy



Original Color
633324

Achromatopsia
404040

Achromatomaly
4D3B36

CSS Examples

Text

The CSS property to change the color of the text to Hex 633324 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 #633324 looks like.

```
.text, #text, p{  
    color:#633324  
}
```

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 #633324 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #633324
}
```

Border

The CSS property to change the border of an element to Hex 633324 is called "border". The border property can be set on classes, ids or directly on the HTML element.

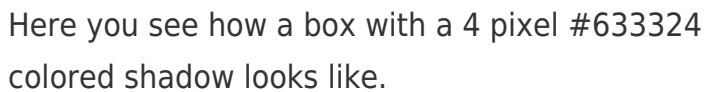
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#633324 }
```

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

```
.border{ border-color:#633324 }
```

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



Here you see how a box with a 4 pixel #633324 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #633324; -webkit-box-shadow:4px 4px  
4px 4px #633324; box-shadow:4px 4px 4px  
4px #633324 }
```

Background

The CSS property to change the background color of an element to Hex 633324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#633324 }
```

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

```
.background{ background-color:#633324 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor