

Converting Colors

Hex(633434)

Have a look what the booklet for
Hex(633434) contains.

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Color

Hex(633434)

Conversions

Conversions Part 1

Format	Color
Hex	633434
RGB	99, 52, 52
RGB Percent	39%, 20%, 20%
CMY	0.6118, 0.7961, 0.7961
CMYK	0.00, 0.47, 0.47, 0.61
HSL	0°, 31%, 30%
HSV	0°, 47%, 39%
XYZ	6.9934, 5.3566, 3.9141
YIQ	66.0530, 28.0120, 9.9640

Conversions

Conversions Part 2

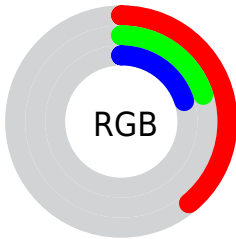
Format	Color
R_{YB}	99, 52, 52
Decimal	6501428
CIE Lab	27.73, 21.04, 9.39
CIE LCh	28, 23.036, 24.043
Yxy	5.3566, 0.4300, 0.3293
Android (android.graphics.Color)	4284691508 (0xFF633434)
YUV	66.0530, -6.9281, 28.8945
Hunter-Lab	23.1443, 13.4342, 6.1739

Details

The Hex color **633434** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **346363**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **986462**, and **320806** is the 20% darker color. If you saturate the color by 10%, you get **632A2A**, and if you desaturate by 10%, it is **633E3E**.

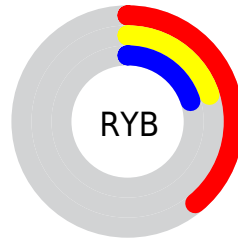
Distribution



Red (39%)

Green (20%)

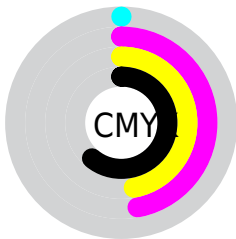
Blue (20%)



Red (39%)

Yellow (20%)

Blue (20%)

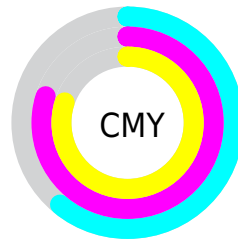


Cyan (0%)

Magenta (47%)

Yellow (47%)

Black (61%)



Cyan (61%)

Magenta (80%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 633434 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 633434 by changing the saturation by 10% instead.

 633434

 633434

FFFFFF

 4A1E1F

 986462

 320806

 B37D7B

 180001

 D09795

 000000

 ECB2B0

 FFCDCB

 FFEAE7

 633434

 633434

 632A2A

 633E3E

■ 632020

■ 634848

■ 631616

■ 635252

■ 630C0C

■ 635C5C

■ 630303

■ 636666

■ 630000

■ 636F6F

■ 637979

■ 638383

■ 638D8D

Harmonies

Analogous

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



613346



633434



5D3925

Triad

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



633434



29492C



1D4464

Complementary

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



633434



346363

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.



00495E



633434



0A4A3D

Square

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



633434



3E4520



004A4F



3E3E62

Rectangle

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



633434



543D1F



004A4F



0C4663

Sweetspot

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



633434



806E6E



633463



403535



BFBFBF



404040

Same Dimension

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



633434



803737



634C34



302C2C



700000



F00000

Inverse Universe

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



346363



378080



344C63



2C3030



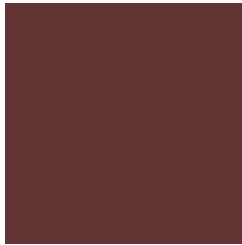
007070



00F0F0

Previews

White Background



This preview shows how the Hex color 633434 looks on a white background.

Color Contrast Check

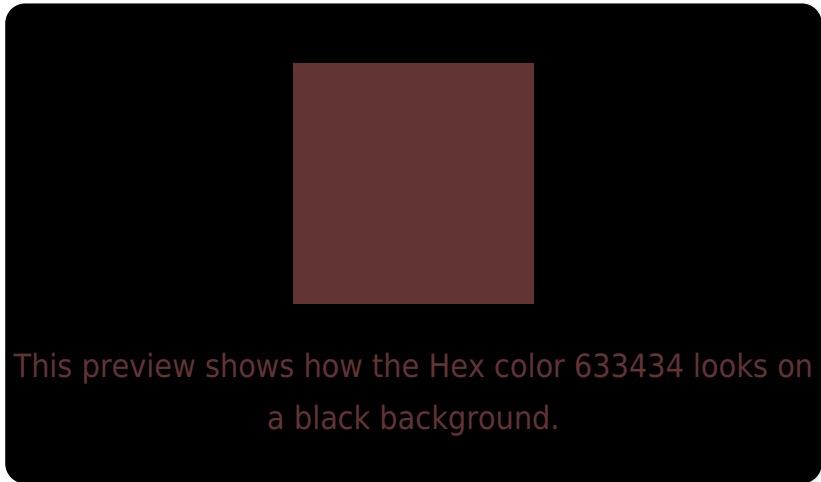
Large Text (above 18pt) WCAG AA ✓ Pass

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

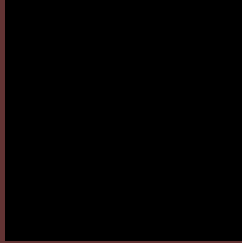
Any Text WCAG AA × Fail

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 633434 Background



This preview shows how black text looks on a background with the Hex color 633434.



This preview shows how white text looks on a background with the Hex color 633434.

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
633434

Protanopia
45423B

Deuteranopia
4E3F32



Tritanopia
633437

Trichromacy



Original Color

633434

Protanomaly

503D38

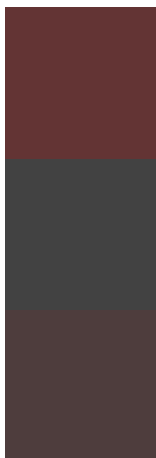
Deuteranomaly

563B33

Tritanomaly

633436

Monochromacy



Original Color

633434

Achromatopsia

424242

Achromatomaly

4E3D3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 633434 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 #633434 looks like.

```
.text, #text, p{  
    color:#633434  
}
```

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 #633434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #633434
}
```

Border

The CSS property to change the border of an element to Hex 633434 is called "border". The border property can be set on classes, ids or directly on the HTML element.

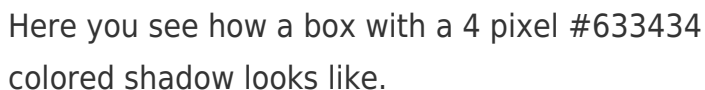
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#633434 }
```

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

```
.border{ border-color:#633434 }
```

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



Here you see how a box with a 4 pixel #633434 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #633434; -webkit-box-shadow:4px 4px  
4px 4px #633434; box-shadow:4px 4px 4px  
4px #633434 }
```

Background

The CSS property to change the background color of an element to Hex 633434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#633434 }
```

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

```
.background{ background-color:#633434 }
```

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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