

# Converting Colors

Hex(643435)

Have a look what the booklet for  
Hex(643435) contains.

<b>Hex(643435)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(643435)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	643435
RGB	100, 52, 53
RGB Percent	39%, 20%, 21%
CMY	0.6078, 0.7961, 0.7922
CMYK	0.00, 0.48, 0.47, 0.61
HSL	359°, 32%, 30%
HSV	359°, 48%, 39%
XYZ	7.1261, 5.4223, 4.0392
YIQ	66.4660, 28.2870, 10.4870

# Conversions

## Conversions Part 2

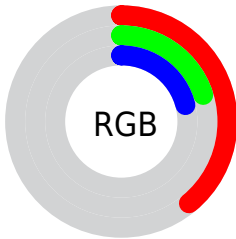
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 52, 53
Decimal	6566965
CIE <sub>Lab</sub>	27.91, 21.59, 9.00
CIE <sub>LCh</sub>	28, 23.386, 22.626
Yxy	5.4223, 0.4296, 0.3269
Android (android.graphics.Color)	4284757045 (0xFF643435)
YUV	66.4660, -6.6387, 29.4093
Hunter-Lab	23.2859, 13.8754, 6.0157

# Details

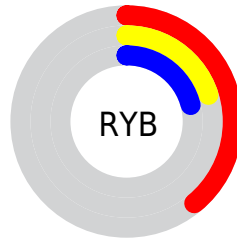
The Hex color **643435** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **346463**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **996463**, and **330808** is the 20% darker color. If you saturate the color by 10%, you get **642A2B**, and if you desaturate by 10%, it is **643E3F**.

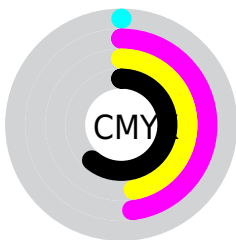
# Distribution



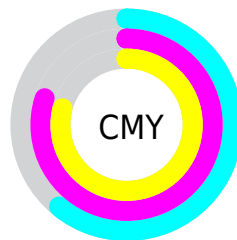
- Red (39%)
- Green (20%)
- Blue (21%)



- Red (39%)
- Yellow (20%)
- Blue (21%)



- Cyan (0%)
- Magenta (48%)
- Yellow (47%)
- Black (61%)



- Cyan (61%)
- Magenta (80%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 643435 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 643435 by changing the saturation by 10% instead.



643435

643435

FFFFFF

4B1E20

996463

330808

B57D7C

190001

D19796

000000

EEB2B1

FFCDCC

FFEAE8

643435

643435

642A2B

643E3F

■ 642021

■ 644849

■ 641618

■ 645252

■ 640C0E

■ 645C5C

■ 640204

■ 646666

■ 640002

■ 647070

■ 647A7A

■ 648483

■ 648E8D

# Harmonies

## Analogous

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



613447



643435



5E3926

# Triad

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



643435



2A492B



1A4565

# Complementary

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



643435



346463

# 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



643435



0B4B3D

# Square

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



643435



3F4520



004B4F



3D3F63

# Rectangle

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



643435



563D1F



004B4F



064764



# Sweetspot

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



643435



827070



623464



423737



C2C2C2



424242



# Same Dimension

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



643435



823738



644A34



332E2E



730002



F20005



# Inverse Universe

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



643435



823738



344E64



332E2E



730002

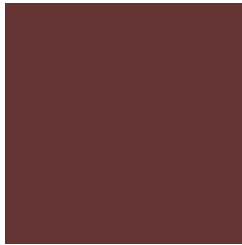


F20005



# Previews

## White Background



This preview shows how the Hex color 643435 looks on a white background.

## Color Contrast Check

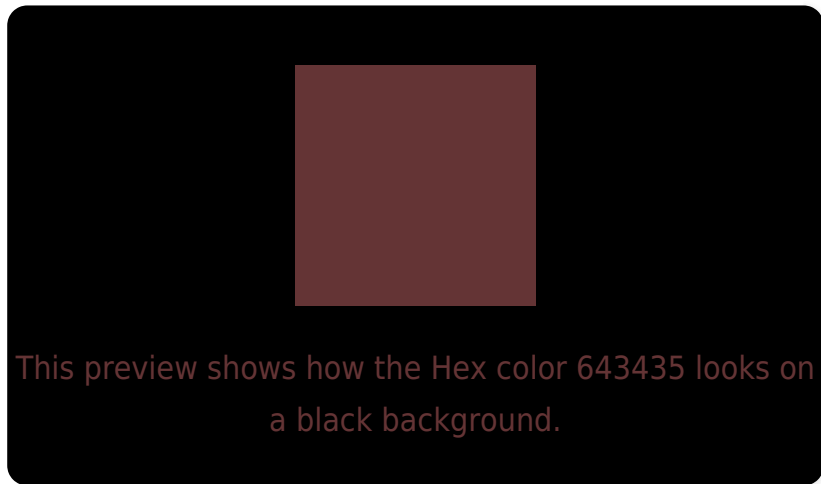
Large Text (above 18pt) WCAG AA ✓ Pass

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 643435 Background



This preview shows how black text looks on a background with the Hex color 643435.



This preview shows how white text looks on a background with the Hex color 643435.

# 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**  
643435

**Protanopia**  
45423C

**Deuteranopia**  
4E4033



**Tritanopia**  
643437

# Trichromacy



**Original Color**  
643435

**Protanomaly**  
503D39

**Deuteranomaly**  
563C34

**Tritanomaly**  
643436

# Monochromacy



**Original Color**  
643435

**Achromatopsia**  
424242

**Achromatomaly**  
4E3D3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 643435 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 #643435 looks like.

```
.text, #text, p{  
    color:#643435  
}
```

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 #643435 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #643435
}
```

## Border

The CSS property to change the border of an element to Hex 643435 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".

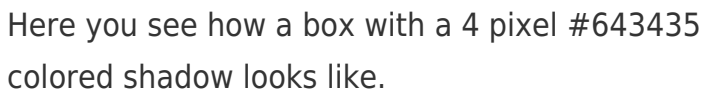
```
.border, #border, table{ border:4px solid
#643435 }
```

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

```
.border{ border-color:#643435 }
```

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

Here you see how a box with a 4 pixel #643435 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #643435 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #643435; -webkit-box-shadow:4px 4px  
4px 4px #643435; box-shadow:4px 4px 4px  
4px #643435 }
```

# Background

The CSS property to change the background color of an element to Hex 643435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#643435 }
```

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

```
.background{ background-color:#643435 }
```

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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