

# Converting Colors

Hex(634435)

Have a look what the booklet for  
Hex(634435) contains.

<b>Hex(634435)</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(634435)**

# Conversions

## Conversions Part 1

Format	Color
Hex	634435
RGB	99, 68, 53
RGB Percent	39%, 27%, 21%
CMY	0.6118, 0.7333, 0.7922
CMYK	0.00, 0.31, 0.46, 0.61
HSL	20°, 30%, 30%
HSV	20°, 46%, 39%
XYZ	7.8553, 7.0439, 4.3138
YIQ	75.5590, 23.2910, 1.9070

# Conversions

## Conversions Part 2

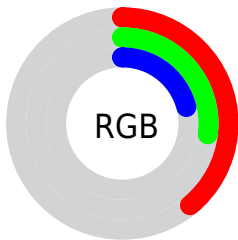
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 75, 53
Decimal	6505525
CIELab	31.91, 11.30, 14.42
CIElCh	32, 18.317, 51.913
Yxy	7.0439, 0.4089, 0.3666
Android (android.graphics.Color)	4284695605 (0xFF634435)
YUV	75.5590, -11.1216, 20.5578
Hunter-Lab	26.5404, 6.3859, 8.9416




# Details

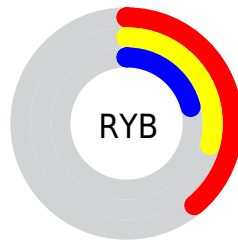
The Hex color **634435** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **355463**, and the grayscale version is **4C4C4C**.




A 20% lighter version of the original color is **977464**, and **331909** is the 20% darker color. If you saturate the color by 10%, you get **633D2B**, and if you desaturate by 10%, it is **634B3F**.

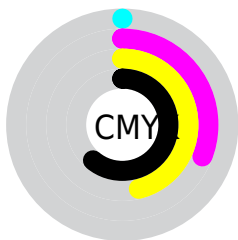
# Distribution







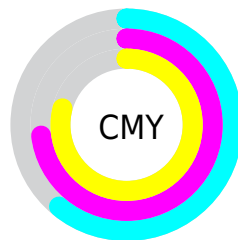
-  Red (39%)
-  Green (27%)
-  Blue (21%)






-  Red (39%)
-  Yellow (29%)
-  Blue (21%)



-  Cyan (0%)
-  Magenta (31%)
-  Yellow (46%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (73%)
-  Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 634435 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 634435 by changing the saturation by 10% instead.





634435



634435

FFFFFF



4A2E20



977464



331909



B28E7D



1D0000



CEA897



000000



EBC4B1



FFE0CD



FFFCE9



634435



634435



633D2B



634B3F

■ 633721

■ 635149

■ 633017

■ 635853

■ 63290D

■ 635F5D

■ 632304

■ 636567

■ 632000

■ 636C70

■ 63737A

■ 637984

■ 63808E

# Harmonies

## Analogous

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



684141



634435



58492F

# Triad

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



634435



285347



484966

# Complementary

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



634435



355463

# 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.



314E67



634435



1B5355

# Square

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



634435



3A5139



1E5161



5A445D

# Rectangle

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



634435



4F4C2F



1E5161



404A67



# Sweetspot

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



634435



80736E



633554



403835



BFBFBF



404040



# Same Dimension

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



634435



804F38



635B35



302D2C



702500



F04E00



# Inverse Universe

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



355463



386880



353D63



2C2F30



004C70



00A2F0



# Previews

## White Background



This preview shows how the Hex color 634435 looks on a white background.

## Color Contrast Check

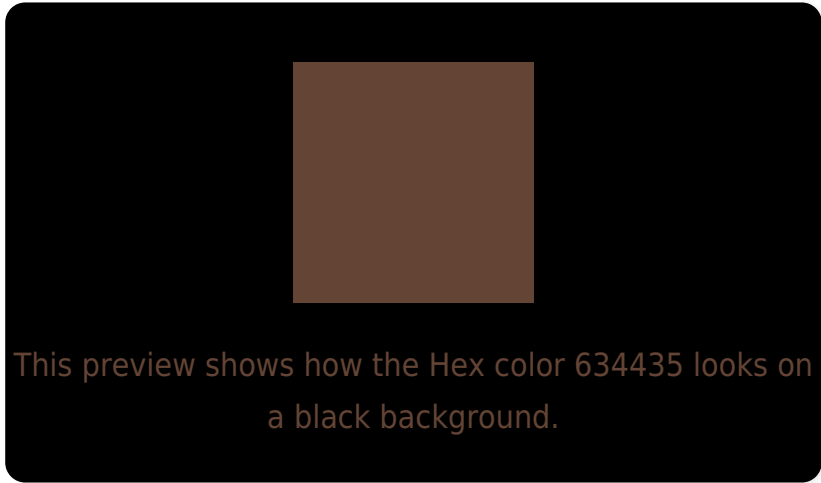
Large Text (above 18pt) WCAG AA ✓ Pass

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 634435 Background



This preview shows how black text looks on a background with the Hex color 634435.

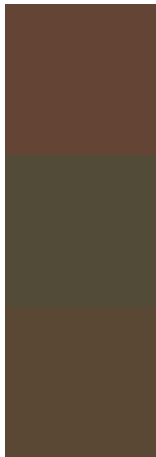


This preview shows how white text looks on a background with the Hex color 634435.

# 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**  
634435

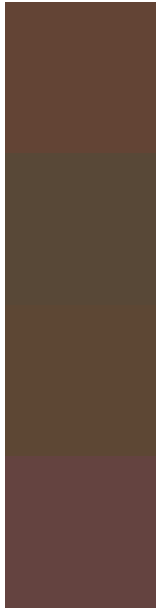
**Protanopia**  
514B38

**Deuteranopia**  
5A4834



**Tritanopia**  
654247

# Trichromacy



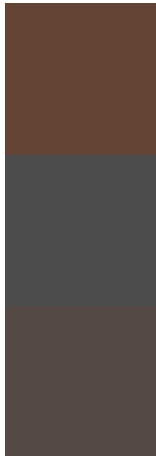
**Original Color**  
634435

**Protanomaly**  
584837

**Deuteranomaly**  
5D4734

**Tritanomaly**  
644340

# Monochromacy



**Original Color**  
634435

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
544944

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 634435 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 #634435 looks like.

```
.text, #text, p{  
    color:#634435  
}
```

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 #634435 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #634435
}
```

## Border

The CSS property to change the border of an element to Hex 634435 is called "border". The border property can be set on classes, ids or directly on the HTML element.

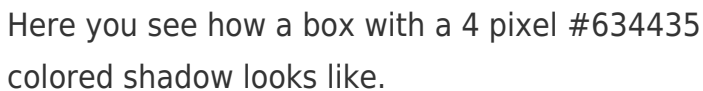
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#634435 }
```

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

```
.border{ border-color:#634435 }
```

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



Here you see how a box with a 4 pixel #634435 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #634435; -webkit-box-shadow:4px 4px  
4px 4px #634435; box-shadow:4px 4px 4px  
4px #634435 }
```

# Background

The CSS property to change the background color of an element to Hex 634435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#634435 }
```

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

```
.background{ background-color:#634435 }
```

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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