

Converting Colors

Hex(644534)

Have a look what the booklet for
Hex(644534) contains.

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Color

Hex(644534)

Conversions

Conversions Part 1

Format	Color
Hex	644534
RGB	100, 69, 52
RGB Percent	39%, 27%, 20%
CMY	0.6078, 0.7294, 0.7961
CMYK	0.00, 0.31, 0.48, 0.61
HSL	21°, 32%, 30%
HSV	21°, 48%, 39%
XYZ	8.0035, 7.2135, 4.2193
YIQ	76.3310, 23.9330, 1.2850

Conversions

Conversions Part 2

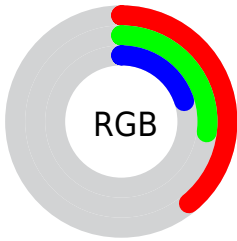
Format	Color
R_{YB}	100, 78, 52
Decimal	6571316
CIE Lab	32.29, 11.02, 15.58
CIE LCh	32, 19.078, 54.730
Yxy	7.2135, 0.4118, 0.3711
Android (android.graphics.Color)	4284761396 (0xFF644534)
YUV	76.3310, -11.9952, 20.7577
Hunter-Lab	26.8580, 6.1903, 9.4862




Details

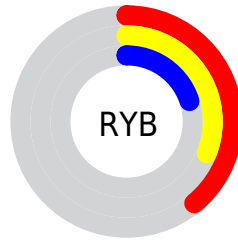
The Hex color **644534** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **345364**, and the grayscale version is **4C4C4C**.




A 20% lighter version of the original color is **987563**, and **331A07** is the 20% darker color. If you saturate the color by 10%, you get **643F2A**, and if you desaturate by 10%, it is **644B3E**.

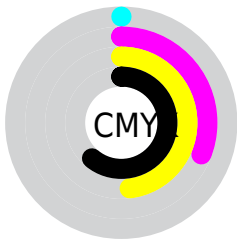
Distribution







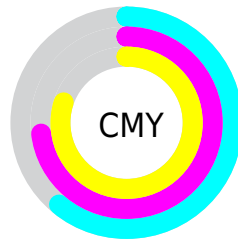
-  Red (39%)
-  Green (27%)
-  Blue (20%)






-  Red (39%)
-  Yellow (31%)
-  Blue (20%)



-  Cyan (0%)
-  Magenta (31%)
-  Yellow (48%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (73%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 644534 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 644534 by changing the saturation by 10% instead.



644534



644534

FFFFFF



4B2F1F



987563



331A07



B48F7C



1D0000



D0A995



000000



ECC5B0



FFE1CC



FFFDE8



644534



644534



643F2A



644B3E

■ 643820

■ 645248

■ 643216

■ 645852

■ 642B0C

■ 645F5C

■ 642502

■ 646566

■ 642300

■ 646C70

■ 64727A

■ 647984

■ 647F8E

Harmonies

Analogous

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



694140



644534



594A2E

Triad

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



644534



265449



4A4967

Complementary

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



644534



345364

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.



334E6A



644534



175458

Square

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



644534



38523A



1D5264



5C445D

Rectangle

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



644534



4F4D2F



1D5264



434B69

Sweetspot

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



644534



827670



643453



423B37



C2C2C2



424242

Same Dimension

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



644534



825137



645D34



33302E



732900



F25600

Inverse Universe

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



345364



376782



343B64



2E3133



004A73



009CF2

Previews

White Background



This preview shows how the Hex color 644534 looks on a white background.

Color Contrast Check

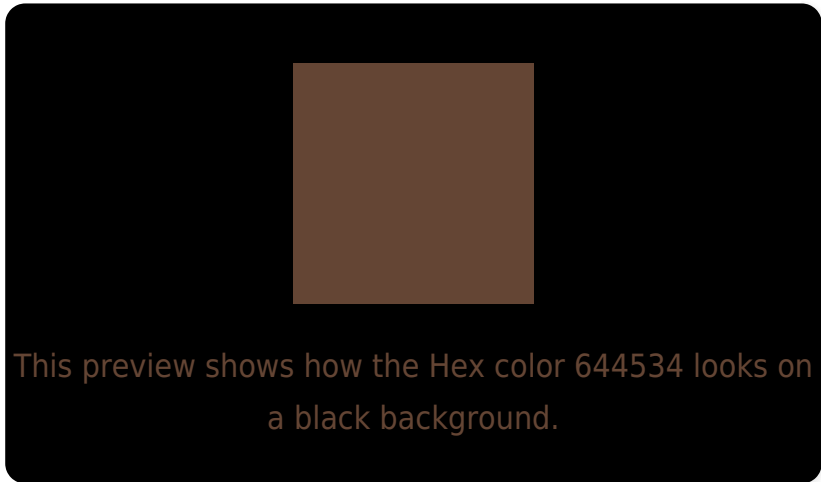
Large Text (above 18pt) WCAG AA ✓ Pass

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

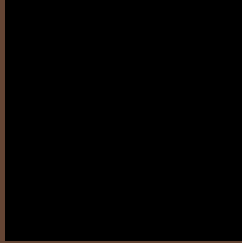
Any Text WCAG AA × Fail

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 644534 Background



This preview shows how black text looks on a background with the Hex color 644534.

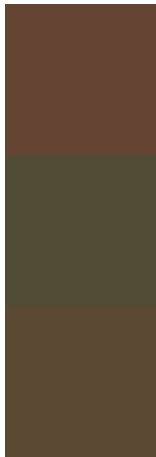


This preview shows how white text looks on a background with the Hex color 644534.

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
644534

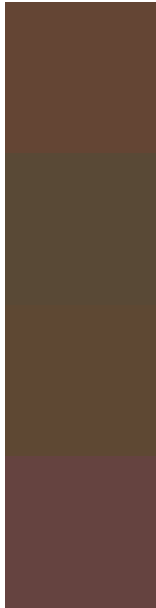
Protanopia
524C37

Deuteranopia
5B4933



Tritanopia
664247

Trichromacy



Original Color
644534

Protanomaly
594936

Deuteranomaly
5E4833

Tritanomaly
654340

Monochromacy



Original Color
644534

Achromatopsia
4C4C4C

Achromatomaly
554943

CSS Examples

Text

The CSS property to change the color of the text to Hex 644534 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 #644534 looks like.

```
.text, #text, p{  
    color:#644534  
}
```

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 #644534 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #644534
}
```

Border

The CSS property to change the border of an element to Hex 644534 is called "border". The border property can be set on classes, ids or directly on the HTML element.

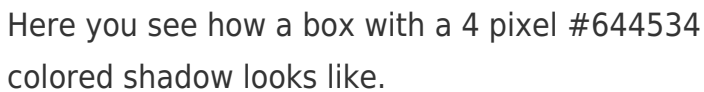
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#644534 }
```

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

```
.border{ border-color:#644534 }
```

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



Here you see how a box with a 4 pixel #644534 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #644534; -webkit-box-shadow:4px 4px  
4px 4px #644534; box-shadow:4px 4px 4px  
4px #644534 }
```

Background

The CSS property to change the background color of an element to Hex 644534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#644534 }
```

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

```
.background{ background-color:#644534 }
```

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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