

Converting Colors

Hex(644954)

Have a look what the booklet for
Hex(644954) contains.

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Color

Hex(644954)

Conversions

Conversions Part 1

Format	Color
Hex	644954
RGB	100, 73, 84
RGB Percent	39%, 29%, 33%
CMY	0.6078, 0.7137, 0.6706
CMYK	0.00, 0.27, 0.16, 0.61
HSL	336°, 16%, 34%
HSV	336°, 27%, 39%
XYZ	9.2383, 8.1145, 9.4668
YIQ	82.3270, 12.5610, 9.1450

Conversions

Conversions Part 2

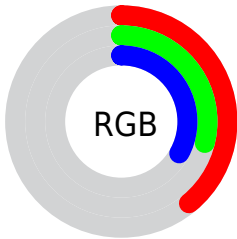
Format	Color
RYB	100, 73, 84
Decimal	6572372
CIELab	34.22, 13.42, -2.02
CIELCh	34, 13.575, 351.460
Yxy	8.1145, 0.3445, 0.3026
Android (android.graphics.Color)	4284762452 (0xFF644954)
YUV	82.3270, 0.8248, 15.4992
Hunter-Lab	28.4860, 8.0390, 0.2361




Details

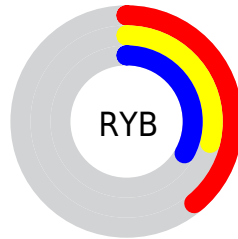
The Hex color **644954** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **496459**, and the grayscale version is **525252**.




A 20% lighter version of the original color is **977A85**, and **351D27** is the 20% darker color. If you saturate the color by 10%, you get **643F4E**, and if you desaturate by 10%, it is **64535A**.

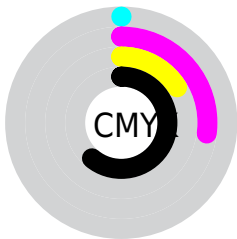
Distribution







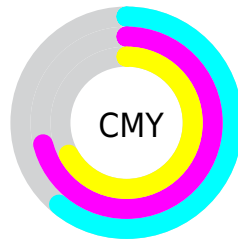
-  Red (39%)
-  Green (29%)
-  Blue (33%)






-  Red (39%)
-  Yellow (29%)
-  Blue (33%)



-  Cyan (0%)
-  Magenta (27%)
-  Yellow (16%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (71%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 644954 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 644954 by changing the saturation by 10% instead.



644954



644954

FFFFFF



4C323D



977A85



351D27



B294A0



200513



CEAEBB



000000



EACAD6



FFE6F3



644954



644954



643F4E



64535A



643548



645D60

642B42

646766

64213C

64716C

641736

647B72

640D30

648578

64032B

648F7D

640029

649983

64A389

Harmonies

Analogous

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



5B4B5E



644954



674949

Triad

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



644954



50523C



345561

Complementary

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



644954



496459

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.



325658



644954



445543

Square

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



644954



5B4F3B



39564D



3F5266

Rectangle

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



644954



654A43



39564D



32565E

Sweetspot

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



644954



82787C



594964



423C3E



C2C2C2



424242

Same Dimension

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



644954



825869



644B49



332E30



73002F



F20063

Inverse Universe

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



644954



825869



496264



332E30



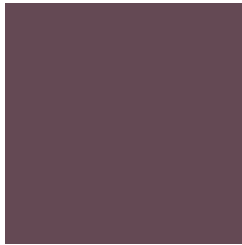
73002F



F20063

Previews

White Background



This preview shows how the Hex color 644954 looks on a white background.

Color Contrast Check

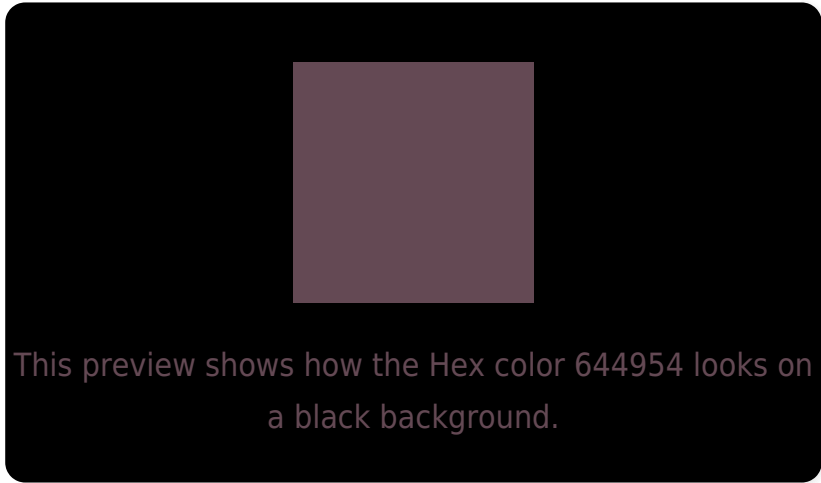
Large Text (above 18pt) WCAG AA ✓ Pass

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

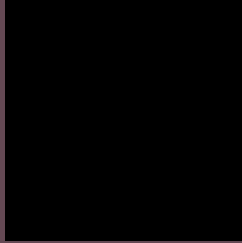
Any Text WCAG AA × Fail

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 644954 Background



This preview shows how black text looks on a background with the Hex color 644954.



This preview shows how white text looks on a background with the Hex color 644954.

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

644954

Protanopia

505058

Deuteranopia

574E53



Tritanopia
634A4F

Trichromacy



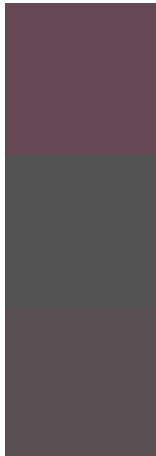
Original Color
644954

Protanomaly
574D57

Deuteranomaly
5C4C53

Tritanomaly
634A51

Monochromacy



Original Color
644954

Achromatopsia
525252

Achromatomaly
594F53

CSS Examples

Text

The CSS property to change the color of the text to Hex 644954 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 #644954 looks like.

```
.text, #text, p{  
    color:#644954  
}
```

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 #644954 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #644954
}
```

Border

The CSS property to change the border of an element to Hex 644954 is called "border". The border property can be set on classes, ids or directly on the HTML element.

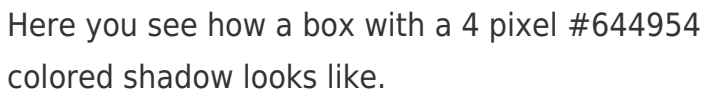
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#644954 }
```

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

```
.border{ border-color:#644954 }
```

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



Here you see how a box with a 4 pixel #644954 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #644954; -webkit-box-shadow:4px 4px  
4px 4px #644954; box-shadow:4px 4px 4px  
4px #644954 }
```

Background

The CSS property to change the background color of an element to Hex 644954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#644954 }
```

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

```
.background{ background-color:#644954 }
```

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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