

Converting Colors

Hex(644C45)

Have a look what the booklet for
Hex(644C45) contains.

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Color

Hex(644C45)

Conversions

Conversions Part 1

Format	Color
Hex	644C45
RGB	100, 76, 69
RGB Percent	39%, 30%, 27%
CMY	0.6078, 0.7020, 0.7294
CMYK	0.00, 0.24, 0.31, 0.61
HSL	14°, 18%, 33%
HSV	14°, 31%, 39%
XYZ	8.9141, 8.3079, 6.7640
YIQ	82.3780, 16.5510, 2.9110

Conversions

Conversions Part 2

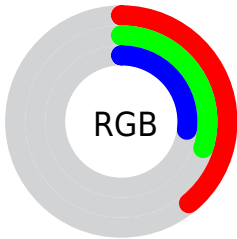
Format	Color
R_{YB}	100, 78, 69
Decimal	6573125
CIE Lab	34.62, 9.00, 8.06
CIE LCh	35, 12.079, 41.853
Yxy	8.3079, 0.3716, 0.3464
Android (android.graphics.Color)	4284763205 (0xFF644C45)
YUV	82.3780, -6.5954, 15.4545
Hunter-Lab	28.8234, 4.7634, 6.2628

Details

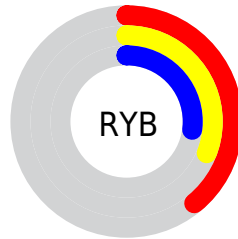
The Hex color **644C45** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **455D64**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **987D75**, and **34201A** is the 20% darker color. If you saturate the color by 10%, you get **64443B**, and if you desaturate by 10%, it is **64544F**.

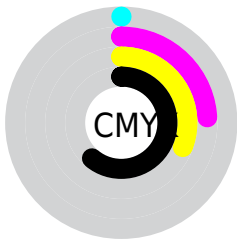
Distribution



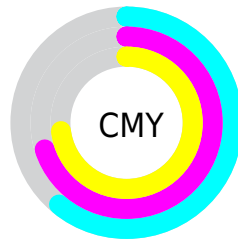
- Red (39%)
- Green (30%)
- Blue (27%)



- Red (39%)
- Yellow (31%)
- Blue (27%)



- Cyan (0%)
- Magenta (24%)
- Yellow (31%)
- Black (61%)



- Cyan (61%)
- Magenta (70%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 644C45 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 644C45 by changing the saturation by 10% instead.



644C45



644C45

FFFFFF



4C352F



987D75



34201A



B2978F



210900



CEB2A9



000000



EBCDC4



FFE9E0

FFFFFFD



644C45



644C45



64443B



64544F

■ 643D31

■ 645B59

■ 643527

■ 646363

■ 642D1D

■ 646B6D

■ 642513

■ 647377

■ 641E09

■ 647A81

■ 641700

■ 64828B

■ 648A95

■ 64929F

Harmonies

Analogous

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



654B4E



644C45



5E4F3F

Triad

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



644C45



3F564B



4B5164

Complementary

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



644C45



455D64

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.



3F5463



644C45



385755

Square

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



644C45



4A5543



38565E



584E60

Rectangle

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



644C45



58513E



38565E



475264

Sweetspot

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



644C45



827976



64455D



423D3B



C2C2C2



424242

Same Dimension

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



644C45



825D52



645B45



332F2E



731A00



F23700

Inverse Universe

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



455D64



527782



454E64



2E3233



005973



00BCF2

Previews

White Background



This preview shows how the Hex color 644C45 looks on a white background.

Color Contrast Check

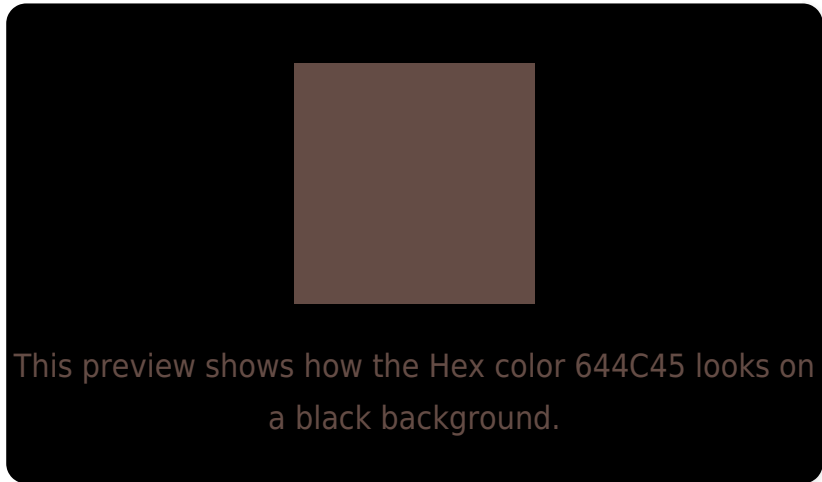
Large Text (above 18pt) WCAG AA ✓ Pass

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 644C45 Background



This preview shows how black text looks on a background with the Hex color 644C45.

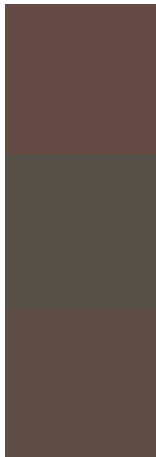


This preview shows how white text looks on a background with the Hex color 644C45.

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
644C45

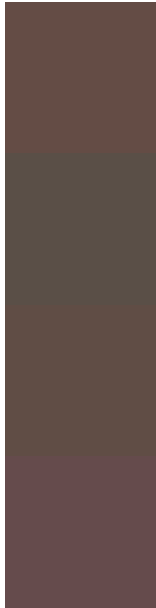
Protanopia
555148

Deuteranopia
5E4E45



Tritanopia
654A50

Trichromacy



Original Color
644C45

Protanomaly
5A4F47

Deuteranomaly
604D45

Tritanomaly
654B4C

Monochromacy



Original Color
644C45

Achromatopsia
525252

Achromatomaly
59504D

CSS Examples

Text

The CSS property to change the color of the text to Hex 644C45 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 #644C45 looks like.

```
.text, #text, p{  
    color:#644C45  
}
```

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 #644C45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #644C45
}
```

Border

The CSS property to change the border of an element to Hex 644C45 is called "border". The border property can be set on classes, ids or directly on the HTML element.

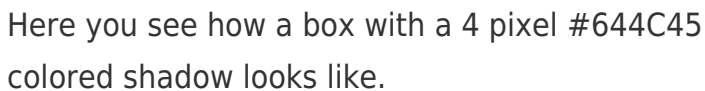
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#644C45 }
```

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

```
.border{ border-color:#644C45 }
```

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



Here you see how a box with a 4 pixel #644C45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #644C45; -webkit-box-shadow:4px 4px  
4px 4px #644C45; box-shadow:4px 4px 4px  
4px #644C45 }
```

Background

The CSS property to change the background color of an element to Hex 644C45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#644C45 }
```

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

```
.background{ background-color:#644C45 }
```

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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