

Converting Colors

Hex(644D25)

Have a look what the booklet for
Hex(644D25) contains.

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Color

Hex(644D25)

Conversions

Conversions Part 1

Format	Color
Hex	644D25
RGB	100, 77, 37
RGB Percent	39%, 30%, 15%
CMY	0.6078, 0.6980, 0.8549
CMYK	0.00, 0.23, 0.63, 0.61
HSL	38°, 46%, 27%
HSV	38°, 63%, 39%
XYZ	8.2433, 8.1507, 2.8890
YIQ	79.3170, 26.5480, -7.5640

Conversions

Conversions Part 2

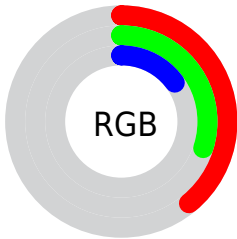
Format	Color
RYB	73, 100, 37
Decimal	6573349
CIELab	34.29, 4.53, 27.06
CIELCh	34, 27.440, 80.488
Yxy	8.1507, 0.4275, 0.4227
Android (android.graphics.Color)	4284763429 (0xFF644D25)
YUV	79.3170, -20.8623, 18.1390
Hunter-Lab	28.5493, 1.5787, 13.9847

Details

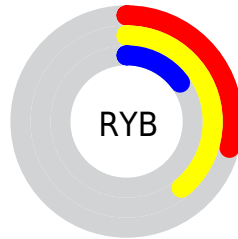
The Hex color **644D25** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **253C64**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **997E53**, and **332100** is the 20% darker color. If you saturate the color by 10%, you get **64491B**, and if you desaturate by 10%, it is **64512F**.

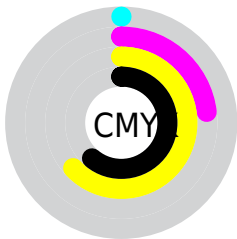
Distribution



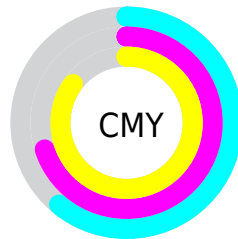
- Red (39%)
- Green (30%)
- Blue (15%)



- Red (29%)
- Yellow (39%)
- Blue (15%)



- Cyan (0%)
- Magenta (23%)
- Yellow (63%)
- Black (61%)



- Cyan (61%)
- Magenta (70%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 644D25 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 644D25 by changing the saturation by 10% instead.



644D25



644D25

FFFFFF



4B360F



997E53



332100



B4986C



1B0B00



D1B285



000000



EDCEA0



FFEABB



FFFFD7



FFFFF3



644D25



644D25

■ 64491B

■ 64512F

■ 644611

■ 645439

■ 644207

■ 645843

■ 643F00

■ 645C4D

■ 645F57

■ 646361

■ 64676B

■ 646A75

■ 646E7F

Harmonies

Analogous

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



734530



644D25



4F5426

Triad

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



644D25



005C5F



65456D

Complementary

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



644D25



253C64

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.



484E79



644D25



005A72

Square

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



644D25



105B49



1A557B



763F59

Rectangle

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



644D25



3F582E



1A557B



5D4872

Sweetspot

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



644D25



827969



64253C



423D33



C2C2C2



424242

Same Dimension

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



644D25



825E1F



5C6425



33312E



734900



F29A00

Inverse Universe

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



253C64



1F4382



2D2564



2E3033



002A73



0058F2

Previews

White Background



This preview shows how the Hex color 644D25 looks on a white background.

Color Contrast Check

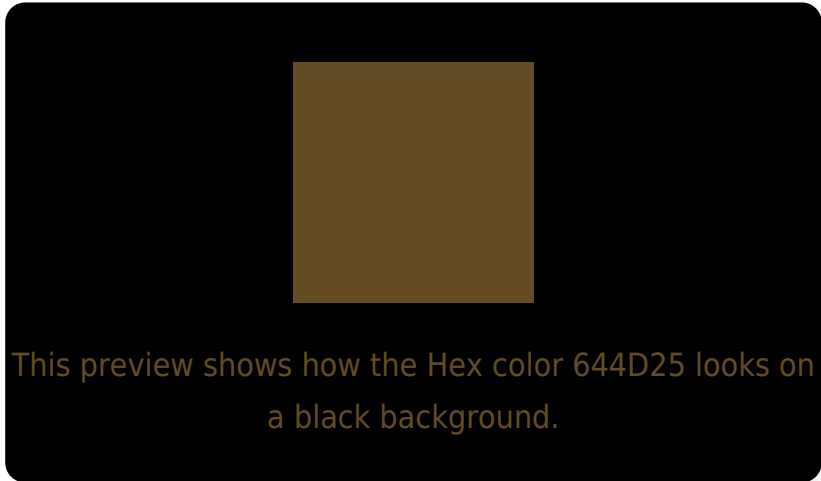
Large Text (above 18pt) WCAG AA ✓ Pass

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

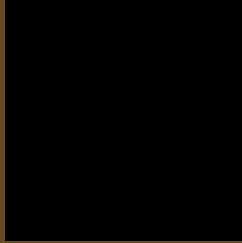
Any Text WCAG AA × Fail

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 644D25 Background



This preview shows how black text looks on a background with the Hex color 644D25.



This preview shows how white text looks on a background with the Hex color 644D25.

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
644D25

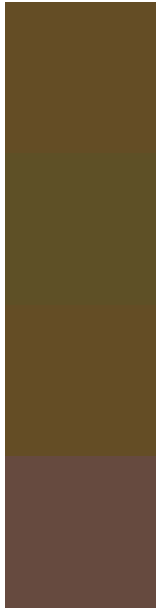
Protanopia
5A5126

Deuteranopia
644D25



Tritanopia
67494E

Trichromacy



Original Color
644D25

Protanomaly
5E5026

Deuteranomaly
644D25

Tritanomaly
664A3F

Monochromacy



Original Color
644D25

Achromatopsia
4F4F4F

Achromatomaly
574E40

CSS Examples

Text

The CSS property to change the color of the text to Hex 644D25 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 #644D25 looks like.

```
.text, #text, p{  
    color:#644D25  
}
```

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 #644D25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #644D25
}
```

Border

The CSS property to change the border of an element to Hex 644D25 is called "border". The border property can be set on classes, ids or directly on the HTML element.

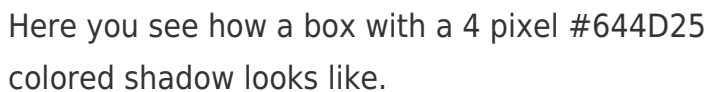
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#644D25 }
```

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

```
.border{ border-color:#644D25 }
```

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



Here you see how a box with a 4 pixel #644D25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #644D25; -webkit-box-shadow:4px 4px  
4px 4px #644D25; box-shadow:4px 4px 4px  
4px #644D25 }
```

Background

The CSS property to change the background color of an element to Hex 644D25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#644D25 }
```

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

```
.background{ background-color:#644D25 }
```

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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