

Converting Colors

Hex(644D03)

Have a look what the booklet for
Hex(644D03) contains.

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Color

Hex(644D03)

Conversions

Conversions Part 1

Format	Color
Hex	644D03
RGB	100, 77, 3
RGB Percent	39%, 30%, 1%
CMY	0.6078, 0.6980, 0.9882
CMYK	0.00, 0.23, 0.97, 0.61
HSL	46°, 94%, 20%
HSV	46°, 97%, 39%
XYZ	7.9258, 8.0237, 1.2171
YIQ	75.4410, 37.4620, -18.1380

Conversions

Conversions Part 2

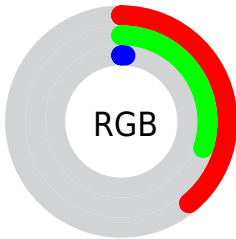
Format	Color
R_{YB}	33, 100, 3
Decimal	6573315
CIE _{Lab}	34.03, 2.79, 41.54
CIE _{LCh}	34, 41.637, 86.161
Y _{xy}	8.0237, 0.4617, 0.4674
Android (android.graphics.Color)	4284763395 (0xFF644D03)
YUV	75.4410, -35.7134, 21.5382
Hunter-Lab	28.3261, 0.3750, 17.2806

Details

The Hex color **644D03** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **031A64**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **9A7E37**, and **312100** is the 20% darker color. If you saturate the color by 10%, you get **644C00**, and if you desaturate by 10%, it is **644F0D**.

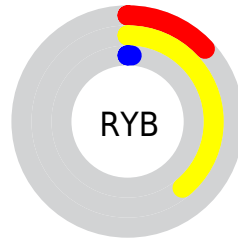
Distribution



Red (39%)

Green (30%)

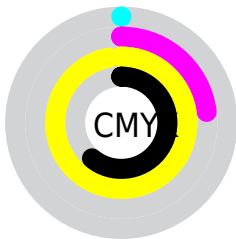
Blue (1%)



Red (13%)

Yellow (39%)

Blue (1%)

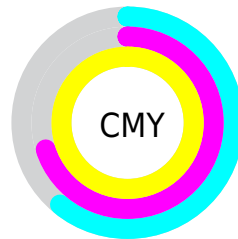


Cyan (0%)

Magenta (23%)

Yellow (97%)

Black (61%)



Cyan (61%)

Magenta (70%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 644D03 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 644D03 by changing the saturation by 10% instead.

 644D03


 644D03

 FFFFF2

 4B3600

 9A7E37

 312100

 B69750

 180C00

 D3B269

 000000

 F1CD83

 FFEA9E

 FFFFB9

 FFFF5D

 644D03

 644D03

■ 644C00

■ 644F0D

■ 645217

■ 645421

■ 64562B

■ 645935

■ 645B3F

■ 645E49

■ 646053

■ 64625D

Harmonies

Analogous

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



7C4018



644D03



44570C

Triad

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



644D03



005F6C



743A75

Complementary

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



644D03



031A64

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.



48498C



644D03



005C87

Square

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



644D03



005F4B



005592



883056

Rectangle

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



644D03



285B1F



005592



683F7E

Sweetspot

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



644D03



82795C



64031B



423D2B



C2C2C2



424242

Same Dimension

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



644D03



826300



4C6403



33322E



735800



F2B900

Inverse Universe

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



031A64



001F82



1B0364



2E2F33



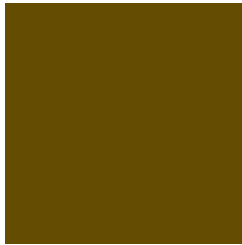
001B73



0039F2

Previews

White Background



This preview shows how the Hex color 644D03 looks on a white background.

Color Contrast Check

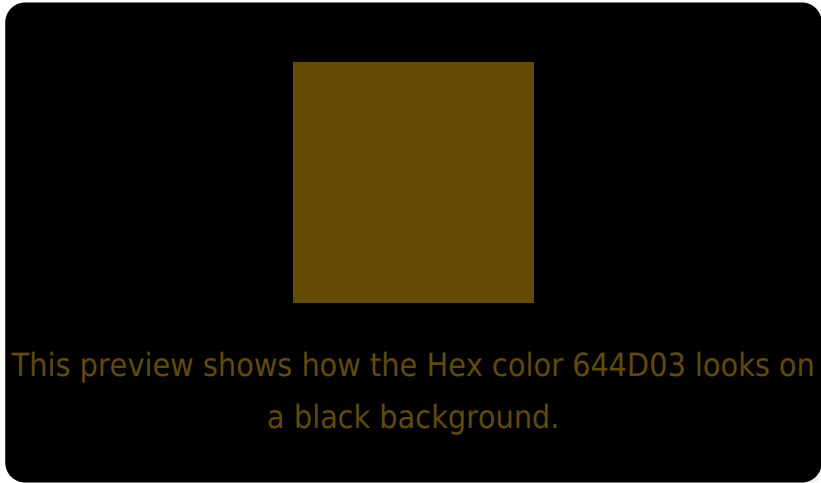
Large Text (above 18pt) WCAG AA ✓ Pass

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 644D03 Background



This preview shows how black text looks on a background with the Hex color 644D03.



This preview shows how white text looks on a background with the Hex color 644D03.

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
644D03

Protanopia
5B5106

Deuteranopia
664C05



Tritanopia
68484D

Trichromacy



Original Color
644D03

Protanomaly
5E5005

Deuteranomaly
654C04

Tritanomaly
674A32

Monochromacy



Original Color
644D03

Achromatopsia
4B4B4B

Achromatomaly
544C31

CSS Examples

Text

The CSS property to change the color of the text to Hex 644D03 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 #644D03 looks like.

```
.text, #text, p{  
    color:#644D03  
}
```

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 #644D03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #644D03
}
```

Border

The CSS property to change the border of an element to Hex 644D03 is called "border". The border property can be set on classes, ids or directly on the HTML element.

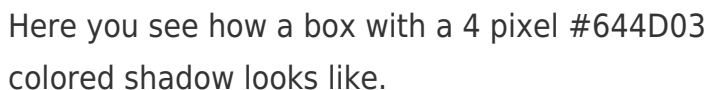
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#644D03 }
```

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

```
.border{ border-color:#644D03 }
```

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



Here you see how a box with a 4 pixel #644D03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #644D03; -webkit-box-shadow:4px 4px  
4px 4px #644D03; box-shadow:4px 4px 4px  
4px #644D03 }
```

Background

The CSS property to change the background color of an element to Hex 644D03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#644D03 }
```

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

```
.background{ background-color:#644D03 }
```

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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