

Converting Colors

Hex(644E02)

Have a look what the booklet for
Hex(644E02) contains.

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Color

Hex(644E02)

Conversions

Conversions Part 1

Format	Color
Hex	644E02
RGB	100, 78, 2
RGB Percent	39%, 31%, 1%
CMY	0.6078, 0.6941, 0.9922
CMYK	0.00, 0.22, 0.98, 0.61
HSL	47°, 96%, 20%
HSV	47°, 98%, 39%
XYZ	7.9909, 8.1625, 1.2118
YIQ	75.9140, 37.5080, -18.9720

Conversions

Conversions Part 2

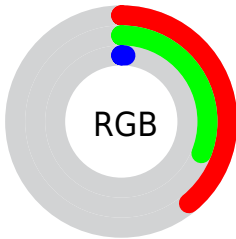
Format	Color
R_YB	30, 100, 2
Decimal	6573570
CIE Lab	34.32, 2.15, 42.10
CIE LCh	34, 42.159, 87.081
Yxy	8.1625, 0.4602, 0.4700
Android (android.graphics.Color)	4284763650 (0xFF644E02)
YUV	75.9140, -36.4396, 21.1234
Hunter-Lab	28.5701, -0.0722, 17.4843

Details

The Hex color **644E02** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **021864**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **9A7F37**, and **312200** is the 20% darker color. If you saturate the color by 10%, you get **644E00**, and if you desaturate by 10%, it is **64500C**.

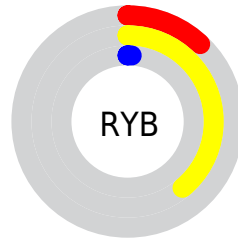
Distribution



Red (39%)

Green (31%)

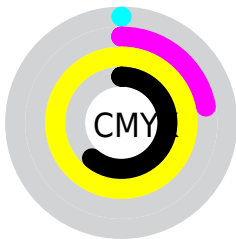
Blue (1%)



Red (12%)

Yellow (39%)

Blue (1%)

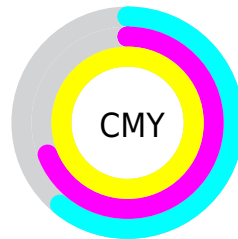


Cyan (0%)

Magenta (22%)

Yellow (98%)

Black (61%)



Cyan (61%)

Magenta (69%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 644E02 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 644E02 by changing the saturation by 10% instead.

 644E02

 644E02

 FFFFF1

 4B3700

 9A7F37

 312200

 B6994F

 180D00

 D3B369

 000000

 F1CF83

 FFE89D

 FFFF80

 FFFF50

 644E02

 644E02

■ 644E00

■ 64500C

■ 645216

■ 645520

■ 64572A

■ 645934

■ 645B3E

■ 645E48

■ 646052

■ 64625C

Harmonies

Analogous

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



7D4117



644E02



43580C

Triad

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



644E02



00606E



763A76

Complementary

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



644E02



021864

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.



4A498D



644E02



005D89

Square

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



644E02



00604C



005694



8A3055

Rectangle

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



644E02



275C20



005694



6A3F7F

Sweetspot

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



644E02



827A5C



640219



423D2B



C2C2C2



424242

Same Dimension

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



644E02



826500



4A6402



33322E



735900



F2BC00

Inverse Universe

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



021864



001D82



1C0264



2E2F33



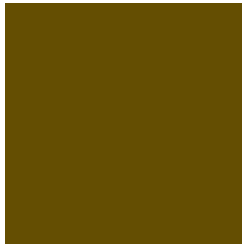
001A73



0036F2

Previews

White Background



This preview shows how the Hex color 644E02 looks on a white background.

Color Contrast Check

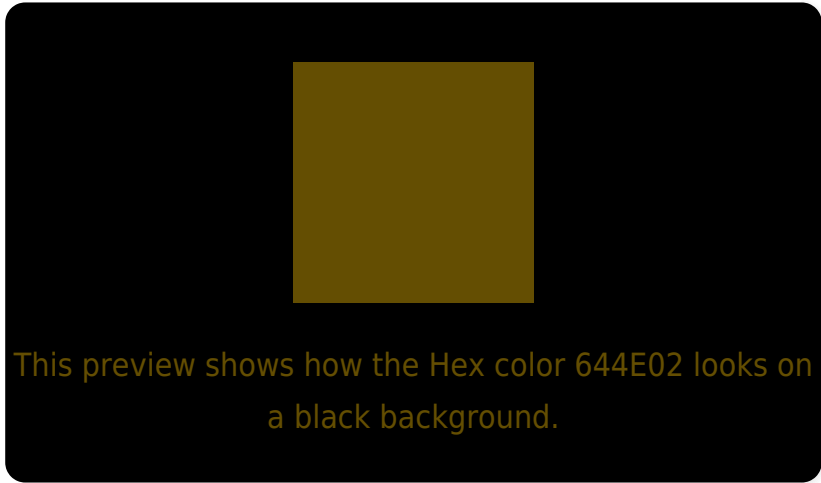
Large Text (above 18pt) WCAG AA ✓ Pass

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

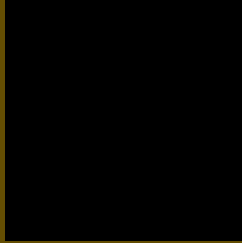
Any Text WCAG AA × Fail

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 644E02 Background



This preview shows how black text looks on a background with the Hex color 644E02.



This preview shows how white text looks on a background with the Hex color 644E02.

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

644E02

Protanopia

5C5105

Deuteranopia

674D06



Tritanopia
68484E

Trichromacy



Original Color
644E02

Protanomaly
5F5004

Deuteranomaly
664D05

Tritanomaly
674A32

Monochromacy



Original Color
644E02

Achromatopsia
4C4C4C

Achromatomaly
554D31

CSS Examples

Text

The CSS property to change the color of the text to Hex 644E02 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 #644E02 looks like.

```
.text, #text, p{  
    color:#644E02  
}
```

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 #644E02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #644E02
}
```

Border

The CSS property to change the border of an element to Hex 644E02 is called "border". The border property can be set on classes, ids or directly on the HTML element.

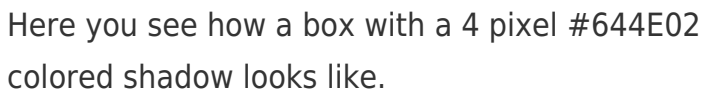
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#644E02 }
```

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

```
.border{ border-color:#644E02 }
```

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



Here you see how a box with a 4 pixel #644E02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #644E02; -webkit-box-shadow:4px 4px  
4px 4px #644E02; box-shadow:4px 4px 4px  
4px #644E02 }
```

Background

The CSS property to change the background color of an element to Hex 644E02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#644E02 }
```

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

```
.background{ background-color:#644E02 }
```

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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