

Converting Colors

Hex(644C1B)

Have a look what the booklet for
Hex(644C1B) contains.

Hex(644C1B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(644C1B)

Conversions

Conversions Part 1

Format	Color
Hex	644C1B
RGB	100, 76, 27
RGB Percent	39%, 30%, 11%
CMY	0.6078, 0.7020, 0.8941
CMYK	0.00, 0.24, 0.73, 0.61
HSL	40°, 57%, 25%
HSV	40°, 73%, 39%
XYZ	8.0378, 7.9573, 2.1492
YIQ	77.5900, 30.0330, -10.1510

Conversions

Conversions Part 2

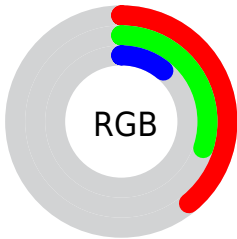
Format	Color
RYB	63, 100, 27
Decimal	6573083
CIELab	33.89, 4.41, 31.97
CIELCh	34, 32.276, 82.151
Yxy	7.9573, 0.4430, 0.4386
Android (android.graphics.Color)	4284763163 (0xFF644C1B)
YUV	77.5900, -24.9409, 19.6536
Hunter-Lab	28.2088, 1.4965, 15.2289

Details

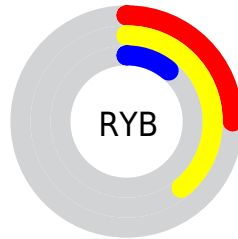
The Hex color **644C1B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1B3364**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **997D49**, and **322000** is the 20% darker color. If you saturate the color by 10%, you get **644911**, and if you desaturate by 10%, it is **644F25**.

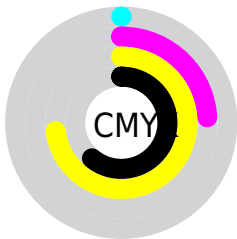
Distribution



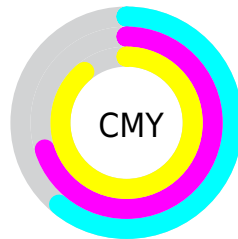
- Red (39%)
- Green (30%)
- Blue (11%)



- Red (25%)
- Yellow (39%)
- Blue (11%)



- Cyan (0%)
- Magenta (24%)
- Yellow (73%)
- Black (61%)



- Cyan (61%)
- Magenta (70%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 644C1B 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 644C1B by changing the saturation by 10% instead.



644C1B



644C1B

FFFFFF



4B3503



997D49



322000



B59662



1A0A00



D2B17B



000000



EFCC95



FFE9B0



FFFCC



FFFFE8



644C1B



644C1B

■ 644911

■ 644F25

■ 644507

■ 64532F

■ 644300

■ 645639

■ 645943

■ 645C4D

■ 646057

■ 646361

■ 64666B

■ 646A75

Harmonies

Analogous

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



764228



644C1B



4C541E

Triad

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



644C1B



005C62



69416F

Complementary

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



644C1B



1B3364

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.



464C7F



644C1B



005A78

Square

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



644C1B



005C48



005482



7B3A58

Rectangle

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



644C1B



385828



005482



5F4576

Sweetspot

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



644C1B



827965



641B33



423D31



C2C2C2



424242

Same Dimension

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



644C1B



825C10



58641B



33312E



734D00



F2A300

Inverse Universe

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



1B3364



103582



271B64



2E3033



002673



0050F2

Previews

White Background



This preview shows how the Hex color 644C1B looks on a white background.

Color Contrast Check

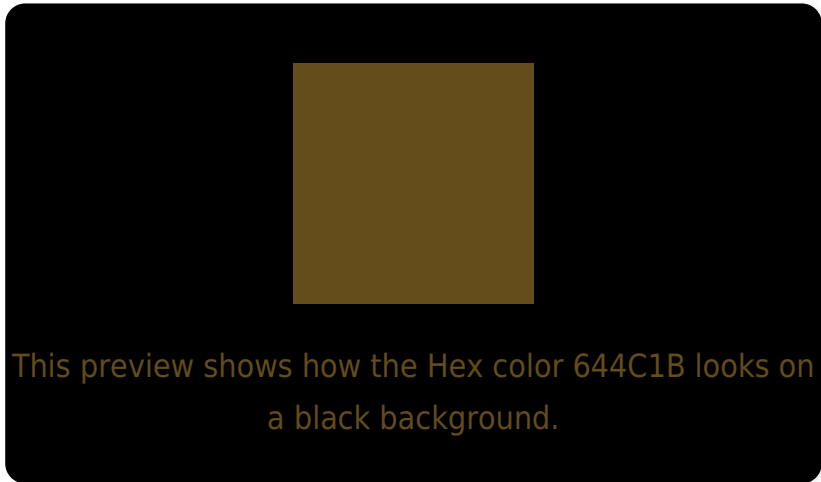
Large Text (above 18pt) WCAG AA ✓ Pass

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

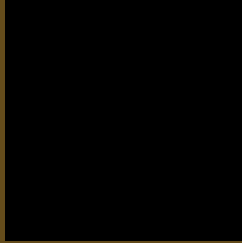
Any Text WCAG AA × Fail

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 644C1B Background



This preview shows how black text looks on a background with the Hex color 644C1B.



This preview shows how white text looks on a background with the Hex color 644C1B.

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
644C1B

Protanopia
59501C

Deuteranopia
644C1B



Tritanopia
67474D

Trichromacy



Original Color
644C1B

Protanomaly
5D4F1C

Deuteranomaly
644C1B

Tritanomaly
66493B

Monochromacy



Original Color
644C1B

Achromatopsia
4E4E4E

Achromatomaly
564D3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 644C1B 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 #644C1B looks like.

```
.text, #text, p{  
    color:#644C1B  
}
```

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 #644C1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #644C1B
}
```

Border

The CSS property to change the border of an element to Hex 644C1B is called "border". The border property can be set on classes, ids or directly on the HTML element.

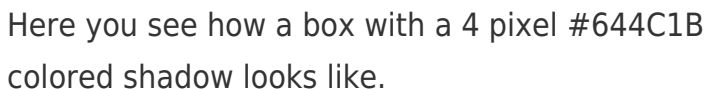
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#644C1B }
```

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

```
.border{ border-color:#644C1B }
```

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



Here you see how a box with a 4 pixel #644C1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #644C1B; -webkit-box-shadow:4px 4px  
4px 4px #644C1B; box-shadow:4px 4px 4px  
4px #644C1B }
```

Background

The CSS property to change the background color of an element to Hex 644C1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#644C1B }
```

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

```
.background{ background-color:#644C1B }
```

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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