

Converting Colors

Hex(644B2B)

Have a look what the booklet for
Hex(644B2B) contains.

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Color

Hex(644B2B)

Conversions

Conversions Part 1

Format	Color
Hex	644B2B
RGB	100, 75, 43
RGB Percent	39%, 29%, 17%
CMY	0.6078, 0.7059, 0.8314
CMYK	0.00, 0.25, 0.57, 0.61
HSL	34°, 40%, 28%
HSV	34°, 57%, 39%
XYZ	8.2077, 7.9159, 3.3808
YIQ	78.8270, 25.1720, -4.6520

Conversions

Conversions Part 2

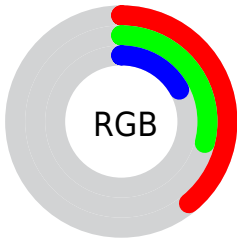
Format	Color
R_{YB}	88, 100, 43
Decimal	6572843
CIE _{Lab}	33.81, 6.32, 23.01
CIE _{LCh}	34, 23.864, 74.652
Yxy	7.9159, 0.4208, 0.4059
Android (android.graphics.Color)	4284762923 (0xFF644B2B)
YUV	78.8270, -17.6627, 18.5687
Hunter-Lab	28.1352, 2.8357, 12.5701

Details

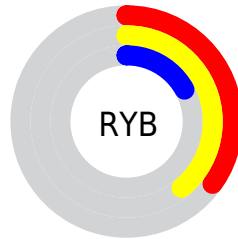
The Hex color **644B2B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2B4464**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **997C59**, and **341F00** is the 20% darker color. If you saturate the color by 10%, you get **644721**, and if you desaturate by 10%, it is **644F35**.

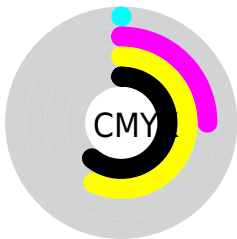
Distribution



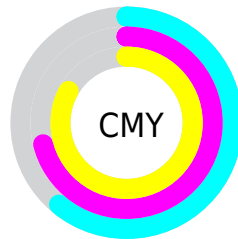
- Red (39%)
- Green (29%)
- Blue (17%)



- Red (35%)
- Yellow (39%)
- Blue (17%)



- Cyan (0%)
- Magenta (25%)
- Yellow (57%)
- Black (61%)



- Cyan (61%)
- Magenta (71%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 644B2B 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 644B2B by changing the saturation by 10% instead.



644B2B



644B2B

FFFFFF



4B3416



997C59



341F00



B49572



1C0800



D0B08C



000000



EDCCA6



FFE8C1



FFFFDD



FFFFFFA



644B2B



644B2B

■ 644721

■ 644F35

■ 644217

■ 64543F

■ 643E0D

■ 645849

■ 643903

■ 645D53

■ 643800

■ 64615D

■ 646567

■ 646A71

■ 646E7B

■ 647285

Harmonies

Analogous

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



704536



644B2B



52512A

Triad

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



644B2B



005958



5D476B

Complementary

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



644B2B



2B4464

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.



434E74



644B2B



00586A

Square

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



644B2B



245945



1F5474



6E425A

Rectangle

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



644B2B



455530



1F5474



55496F

Sweetspot

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



644B2B



82786C



642B45



423C35



C2C2C2



424242

Same Dimension

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



644B2B



825B2A



61642B



33312E



734000



F28800

Inverse Universe

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



2B4464



2A5082



2E2B64



2E3033



003273



006AF2

Previews

White Background



This preview shows how the Hex color 644B2B looks on a white background.

Color Contrast Check

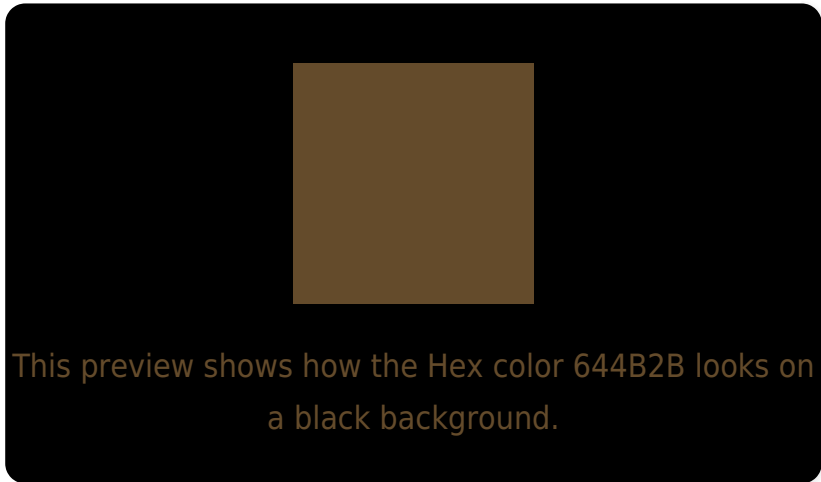
Large Text (above 18pt) WCAG AA ✓ Pass

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

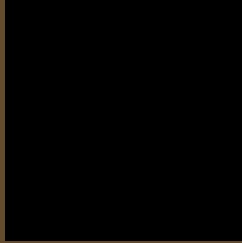
Any Text WCAG AA × Fail

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 644B2B Background



This preview shows how black text looks on a background with the Hex color 644B2B.



This preview shows how white text looks on a background with the Hex color 644B2B.

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
644B2B

Protanopia
58502D

Deuteranopia
624C2B



Tritanopia
67474C

Trichromacy



Original Color
644B2B

Protanomaly
5C4E2C

Deuteranomaly
634C2B

Tritanomaly
664840

Monochromacy



Original Color
644B2B

Achromatopsia
4F4F4F

Achromatomaly
574E42

CSS Examples

Text

The CSS property to change the color of the text to Hex 644B2B 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 #644B2B looks like.

```
.text, #text, p{  
    color:#644B2B  
}
```

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 #644B2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #644B2B
}
```

Border

The CSS property to change the border of an element to Hex 644B2B is called "border". The border property can be set on classes, ids or directly on the HTML element.

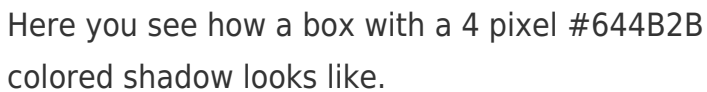
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#644B2B }
```

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

```
.border{ border-color:#644B2B }
```

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



Here you see how a box with a 4 pixel #644B2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #644B2B; -webkit-box-shadow:4px 4px  
4px 4px #644B2B; box-shadow:4px 4px 4px  
4px #644B2B }
```

Background

The CSS property to change the background color of an element to Hex 644B2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#644B2B }
```

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

```
.background{ background-color:#644B2B }
```

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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