

Converting Colors

Hex(644B13)

Have a look what the booklet for
Hex(644B13) contains.

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Color

Hex(644B13)

Conversions

Conversions Part 1

Format	Color
Hex	644B13
RGB	100, 75, 19
RGB Percent	39%, 29%, 7%
CMY	0.6078, 0.7059, 0.9255
CMYK	0.00, 0.25, 0.81, 0.61
HSL	41°, 68%, 23%
HSV	41°, 81%, 39%
XYZ	7.8892, 7.7885, 1.7036
YIQ	76.0910, 32.8760, -12.1160

Conversions

Conversions Part 2

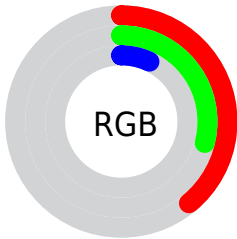
Format	Color
R_{YB}	55, 100, 19
Decimal	6572819
CIE Lab	33.54, 4.58, 35.39
CIE LCh	34, 35.683, 82.629
Yxy	7.7885, 0.4539, 0.4481
Android (android.graphics.Color)	4284762899 (0xFF644B13)
YUV	76.0910, -28.1459, 20.9682
Hunter-Lab	27.9079, 1.6206, 15.9162

Details

The Hex color **644B13** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **132C64**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **9A7C42**, and **311F00** is the 20% darker color. If you saturate the color by 10%, you get **644809**, and if you desaturate by 10%, it is **644E1D**.

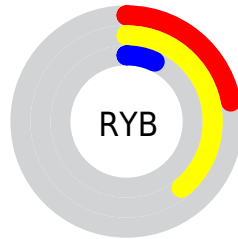
Distribution



Red (39%)

Green (29%)

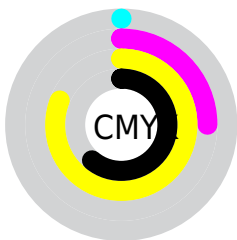
Blue (7%)



Red (22%)

Yellow (39%)

Blue (7%)

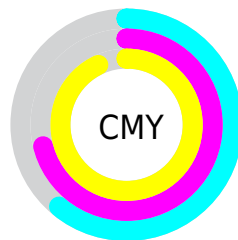


Cyan (0%)

Magenta (25%)

Yellow (81%)

Black (61%)



Cyan (61%)

Magenta (71%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 644B13 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 644B13 by changing the saturation by 10% instead.

 644B13

 644B13

FFFFFFD

 4A3400

 9A7C42

 311F00

 B6955B

 190900

 D2B074

 000000

 EFCB8E

 FFE7A8

 FFFFC4

 FFFFEO

 644B13

 644B13

■ 644809

■ 644E1D

■ 644500

■ 645127

■ 645431

■ 64573B

■ 645A45

■ 645E4F

■ 646159

■ 646463

■ 64676D

Harmonies

Analogous

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



784022



644B13



495416

Triad

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



644B13



005C64



6B3E71

Complementary

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



644B13



132C64

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.



444A83



644B13



005A7B

Square

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



644B13



005C47



005487



7F3657

Rectangle

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



644B13



335823



005487



604279

Sweetspot

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



644B13



827863



64132D



423C2F



C2C2C2



424242

Same Dimension

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



644B13



825B04



556413



33312E



734F00



F2A700

Inverse Universe

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



132C64



042B82



221364



2E2F33



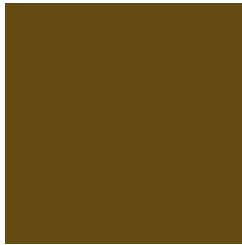
002373



004BF2

Previews

White Background



This preview shows how the Hex color 644B13 looks on a white background.

Color Contrast Check

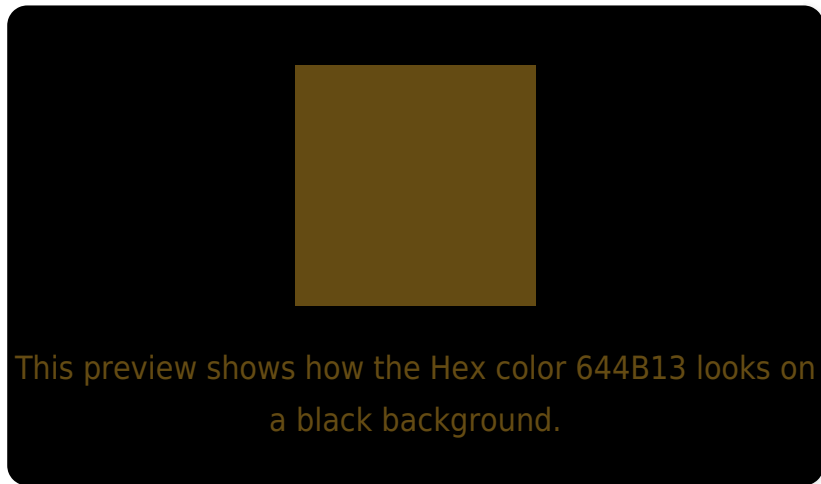
Large Text (above 18pt) WCAG AA ✓ Pass

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

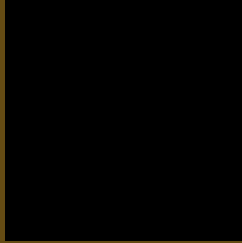
Any Text WCAG AA × Fail

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 644B13 Background



This preview shows how black text looks on a background with the Hex color 644B13.



This preview shows how white text looks on a background with the Hex color 644B13.

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
644B13

Protanopia
594F14

Deuteranopia
644B13



Tritanopia
67464B

Trichromacy



Original Color
644B13

Protanomaly
5D4E14

Deuteranomaly
644B13

Tritanomaly
664837

Monochromacy



Original Color
644B13

Achromatopsia
4C4C4C

Achromatomaly
554C37

CSS Examples

Text

The CSS property to change the color of the text to Hex 644B13 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 #644B13 looks like.

```
.text, #text, p{  
    color:#644B13  
}
```

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 #644B13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #644B13
}
```

Border

The CSS property to change the border of an element to Hex 644B13 is called "border". The border property can be set on classes, ids or directly on the HTML element.

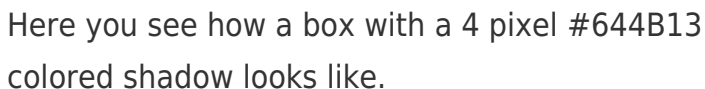
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#644B13 }
```

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

```
.border{ border-color:#644B13 }
```

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



Here you see how a box with a 4 pixel #644B13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #644B13; -webkit-box-shadow:4px 4px  
4px 4px #644B13; box-shadow:4px 4px 4px  
4px #644B13 }
```

Background

The CSS property to change the background color of an element to Hex 644B13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#644B13 }
```

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

```
.background{ background-color:#644B13 }
```

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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