

Converting Colors

Hex(645B32)

Have a look what the booklet for
Hex(645B32) contains.

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Color

Hex(645B32)

Conversions

Conversions Part 1

Format	Color
Hex	645B32
RGB	100, 91, 50
RGB Percent	39%, 36%, 20%
CMY	0.6078, 0.6431, 0.8039
CMYK	0.00, 0.09, 0.50, 0.61
HSL	49°, 33%, 29%
HSV	49°, 50%, 39%
XYZ	9.5723, 10.4218, 4.5247
YIQ	89.0170, 18.5250, -10.8430

Conversions

Conversions Part 2

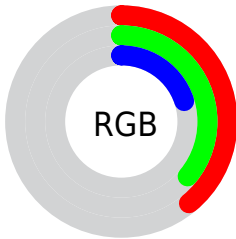
Format	Color
RYB	61, 100, 50
Decimal	6576946
CIELab	38.59, -2.67, 24.84
CIELCh	39, 24.987, 96.131
Yxy	10.4218, 0.3904, 0.4251
Android (android.graphics.Color)	4284767026 (0xFF645B32)
YUV	89.0170, -19.2354, 9.6321
Hunter-Lab	32.2828, -3.5669, 14.2880

Details

The Hex color **645B32** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **323B64**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **988D61**, and **342E04** is the 20% darker color. If you saturate the color by 10%, you get **645928**, and if you desaturate by 10%, it is **645D3C**.

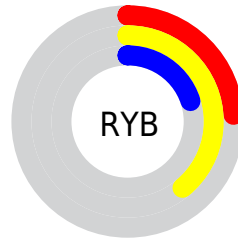
Distribution



Red (39%)

Green (36%)

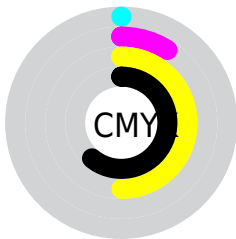
Blue (20%)



Red (24%)

Yellow (39%)

Blue (20%)

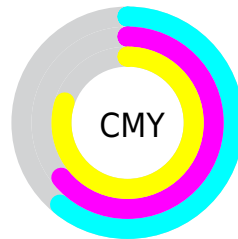


Cyan (0%)

Magenta (9%)

Yellow (50%)

Black (61%)



Cyan (61%)

Magenta (64%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645B32 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 645B32 by changing the saturation by 10% instead.



645B32



645B32

FFFFFF



4B441C



988D61



342E04



B3A77A



1D1900



CFC294



000000



ECDEAF



FFFBCB



FFFFE7



645B32



645B32



645928



645D3C

■ 64571E

■ 645F46

■ 645614

■ 646050

■ 64540A

■ 64625A

■ 645200

■ 646464

■ 64666E

■ 646878

■ 646982

■ 646B8C

Harmonies

Analogous

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



755436



645B32



4E6139

Triad

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



645B32



006572



784D6C

Complementary

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



645B32



323B64

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.



63547C



645B32



1D617F

Square

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



645B32



16665E



445B83



824B57

Rectangle

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



645B32



3E6344



445B83



724F72

Sweetspot

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



645B32



827F6F



64323B



424036



C2C2C2



424242

Same Dimension

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



645B32



827434



546432



33322E



735E00



F2C700

Inverse Universe

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



323B64



344282



423264



2E2F33



001573



002CF2

Previews

White Background



This preview shows how the Hex color 645B32 looks on a white background.

Color Contrast Check

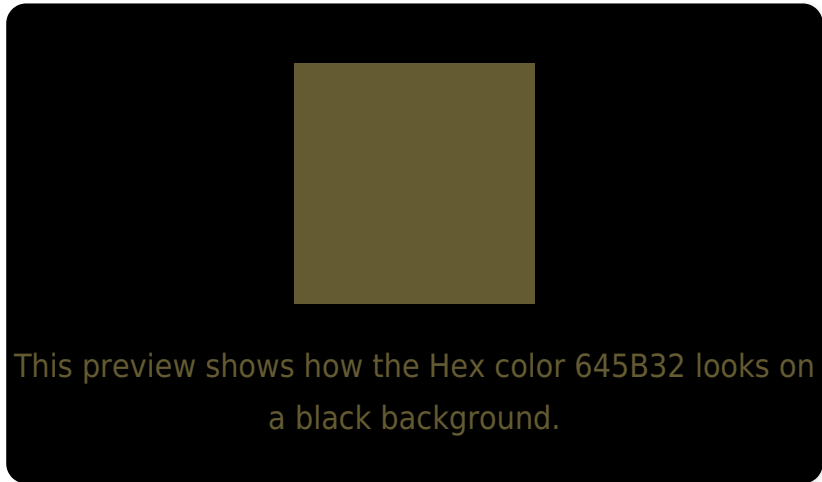
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

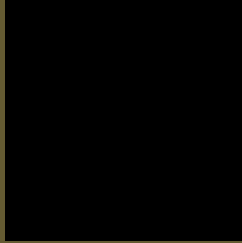
Any Text WCAG AA × Fail

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 645B32 Background



This preview shows how black text looks on a background with the Hex color 645B32.



This preview shows how white text looks on a background with the Hex color 645B32.

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


645B32

Protanopia

645B32

Deuteranopia

6F5733



Tritanopia
68565D

Trichromacy



Original Color
645B32

Protanomaly
645B32

Deuteranomaly
6B5833

Tritanomaly
67584D

Monochromacy



Original Color
645B32

Achromatopsia
595959

Achromatomaly
5D5A4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 645B32 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 #645B32 looks like.

```
.text, #text, p{  
    color:#645B32  
}
```

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 #645B32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645B32
}
```

Border

The CSS property to change the border of an element to Hex 645B32 is called "border". The border property can be set on classes, ids or directly on the HTML element.

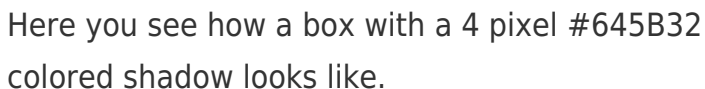
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#645B32 }
```

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

```
.border{ border-color:#645B32 }
```

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



Here you see how a box with a 4 pixel #645B32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645B32; -webkit-box-shadow:4px 4px  
4px 4px #645B32; box-shadow:4px 4px 4px  
4px #645B32 }
```

Background

The CSS property to change the background color of an element to Hex 645B32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645B32 }
```

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

```
.background{ background-color:#645B32 }
```

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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