

Converting Colors

Hex(645A37)

Have a look what the booklet for
Hex(645A37) contains.

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Color

Hex(645A37)

Conversions

Conversions Part 1

Format	Color
Hex	645A37
RGB	100, 90, 55
RGB Percent	39%, 35%, 22%
CMY	0.6078, 0.6471, 0.7843
CMYK	0.00, 0.10, 0.45, 0.61
HSL	47°, 29%, 30%
HSV	47°, 45%, 39%
XYZ	9.6013, 10.2975, 5.0960
YIQ	89.0000, 17.1950, -8.7650

Conversions

Conversions Part 2

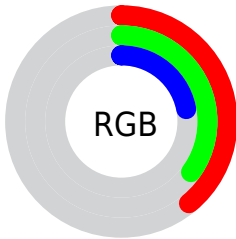
Format	Color
RYB	68, 100, 55
Decimal	6576695
CIELab	38.37, -1.50, 21.67
CIElCh	38, 21.720, 93.948
Yxy	10.2975, 0.3841, 0.4120
Android (android.graphics.Color)	4284766775 (0xFF645A37)
YUV	89.0000, -16.7620, 9.6470
Hunter-Lab	32.0897, -2.7495, 13.0472

Details

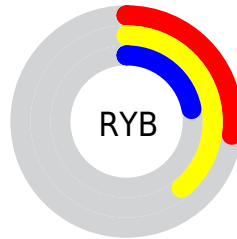
The Hex color **645A37** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **374164**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **988C66**, and **342D0B** is the 20% darker color. If you saturate the color by 10%, you get **64582D**, and if you desaturate by 10%, it is **645C41**.

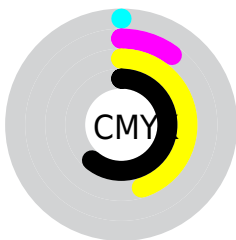
Distribution



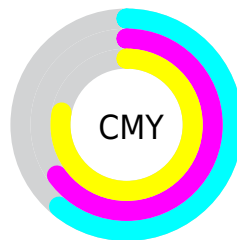
- Red (39%)
- Green (35%)
- Blue (22%)



- Red (27%)
- Yellow (39%)
- Blue (22%)



- Cyan (0%)
- Magenta (10%)
- Yellow (45%)
- Black (61%)



- Cyan (61%)
- Magenta (65%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645A37 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 645A37 by changing the saturation by 10% instead.



645A37



645A37

FFFFFF



4B4321



988C66



342D0B



B3A680



1E1800



CFC19A



000000



EBDDB5



FFFAD0



FFFFED



645A37



645A37



64582D



645C41

■ 645623

■ 645E4B

■ 645319

■ 646155

■ 64510F

■ 64635F

■ 644F05

■ 646569

■ 644E00

■ 646773

■ 646A7D

■ 646C87

■ 646E91

Harmonies

Analogous

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



73543B



645A37



515F3D

Triad

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



645A37



1B636D



734F6A

Complementary

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



645A37



374164

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.



605578



645A37



2A6079

Square

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



645A37



27645C



465B7D



7C4D59

Rectangle

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



645A37



436245



465B7D



6D516F

Sweetspot

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



645A37



827E70



643742



424037



C2C2C2



424242

Same Dimension

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



645A37



82723C



586437



33322E



735900



F2BC00

Inverse Universe

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



374164



3C4B82



433764



2E2F33



001A73



0036F2

Previews

White Background



This preview shows how the Hex color 645A37 looks on a white background.

Color Contrast Check

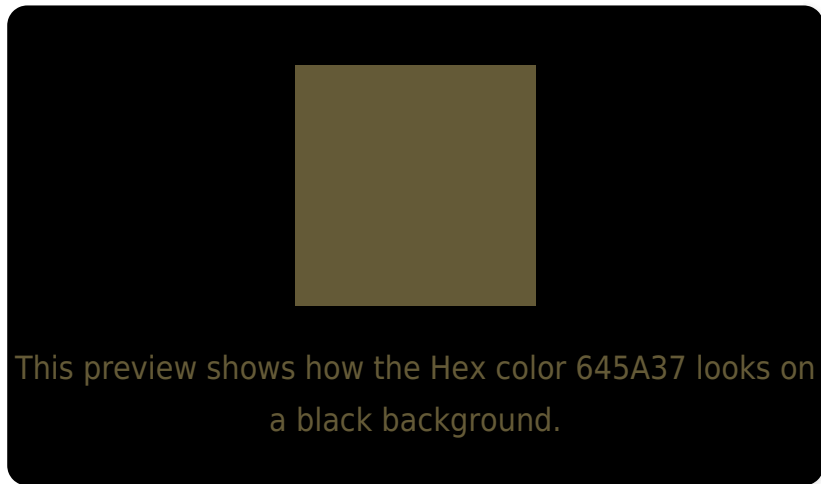
Large Text (above 18pt) WCAG AA ✓ Pass

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

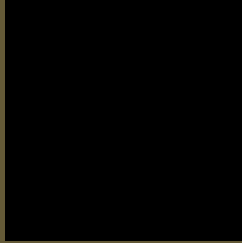
Any Text WCAG AA × Fail

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 645A37 Background



This preview shows how black text looks on a background with the Hex color 645A37.



This preview shows how white text looks on a background with the Hex color 645A37.

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
645A37

Protanopia
635A37

Deuteranopia
6D5638



Tritanopia
68565C

Trichromacy



Original Color
645A37

Protanomaly
635A37

Deuteranomaly
6A5738

Tritanomaly
67574F

Monochromacy



Original Color
645A37

Achromatopsia
595959

Achromatomaly
5D594D

CSS Examples

Text

The CSS property to change the color of the text to Hex 645A37 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 #645A37 looks like.

```
.text, #text, p{  
    color:#645A37  
}
```

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 #645A37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645A37
}
```

Border

The CSS property to change the border of an element to Hex 645A37 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
#645A37 }
```

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

```
.border{ border-color:#645A37 }
```

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

Here you see how a box with a 4 pixel #645A37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645A37; -webkit-box-shadow:4px 4px  
4px 4px #645A37; box-shadow:4px 4px 4px  
4px #645A37 }
```

Background

The CSS property to change the background color of an element to Hex 645A37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645A37 }
```

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

```
.background{ background-color:#645A37 }
```

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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