

Converting Colors

Hex(645044)

Have a look what the booklet for
Hex(645044) contains.

| | |
|--|----|
| Hex(645044) | 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(645044)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 645044 |
| RGB | 100, 80, 68 |
| RGB Percent | 39%, 31%, 27% |
| CMY | 0.6078, 0.6863, 0.7333 |
| CMYK | 0.00, 0.20, 0.32, 0.61 |
| HSL | 22°, 19%, 33% |
| HSV | 22°, 32%, 39% |
| XYZ | 9.1676, 8.8640, 6.6966 |
| YIQ | 84.6120, 15.7720, 0.5080 |

Conversions

Conversions Part 2

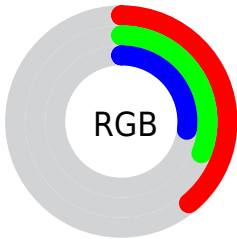
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 100, 87, 68 |
| Decimal | 6574148 |
| CIE Lab | 35.72, 6.37, 10.23 |
| CIE LCh | 36, 12.048, 58.101 |
| Yxy | 8.8640, 0.3707, 0.3585 |
| Android (android.graphics.Color) | 4284764228 (0xFF645044) |
| YUV | 84.6120, -8.1897, 13.4953 |
| Hunter-Lab | 29.7725, 2.8621, 7.5049 |

Details

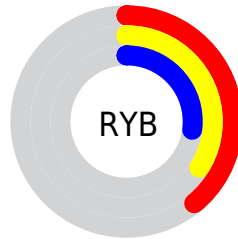
The Hex color **645044** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **445864**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **978174**, and **342419** is the 20% darker color. If you saturate the color by 10%, you get **644A3A**, and if you desaturate by 10%, it is **64564E**.

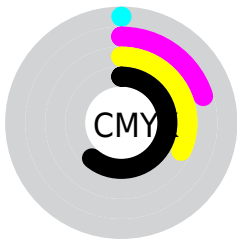
Distribution



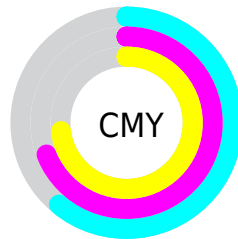
- Red (39%)
- Green (31%)
- Blue (27%)



- Red (39%)
- Yellow (34%)
- Blue (27%)



- Cyan (0%)
- Magenta (20%)
- Yellow (32%)
- Black (61%)



- Cyan (61%)
- Magenta (69%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645044 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 645044 by changing the saturation by 10% instead.



645044



645044

FFFFFF



4C392E



978174



342419



B29B8E



200E00



CEB6A8



000000



EAD2C3



FFEEDF

FFFFFC



645044



645044



644A3A



64564E

■ 644430

■ 645D58

■ 643D26

■ 646362

■ 64371C

■ 64696C

■ 643112

■ 646F76

■ 642B08

■ 647680

■ 642600

■ 647C8A

■ 648294

■ 64889E

Harmonies

Analogous

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



684E4B



645044



5C5341

Triad

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



645044



3D5A53



555265

Complementary

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



645044



445864

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.



485567



645044



3A595D

Square

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



645044



47584A



3D5864



604F5E

Rectangle

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



645044



555542



3D5864



515366

Sweetspot

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



645044



827A75



644458



423D3A



C2C2C2



424242

Same Dimension

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



645044



826351



646044



33302E



732B00



F25B00

Inverse Universe

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



445864



517082



444864



2E3133



004873



0097F2

Previews

White Background



This preview shows how the Hex color 645044 looks on a white background.

Color Contrast Check

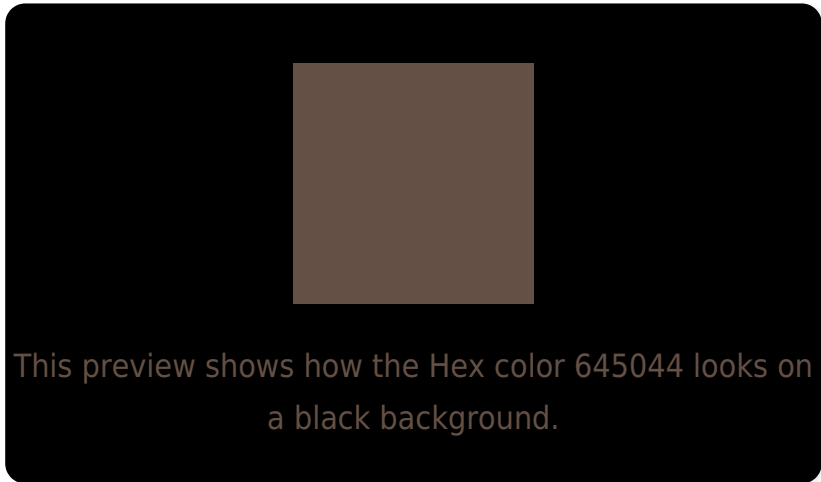
Large Text (above 18pt) WCAG AA ✓ Pass

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

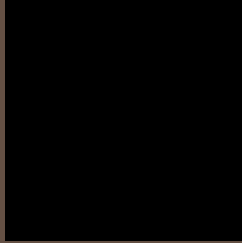
Any Text WCAG AA × Fail

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 645044 Background



This preview shows how black text looks on a background with the Hex color 645044.

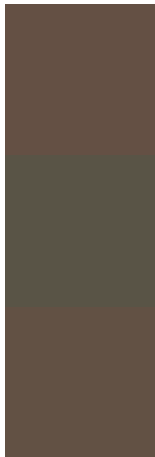


This preview shows how white text looks on a background with the Hex color 645044.

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
645044

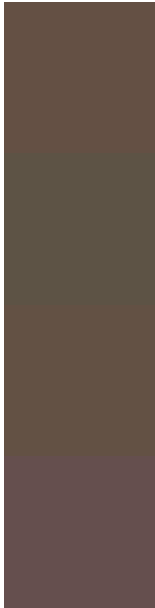
Protanopia
595446

Deuteranopia
625144



Tritanopia
664E54

Trichromacy



Original Color

645044

Protanomaly

5D5345

Deuteranomaly

635144

Tritanomaly

654F4E

Monochromacy



Original Color

645044

Achromatopsia

555555

Achromatomaly

5A534F

CSS Examples

Text

The CSS property to change the color of the text to Hex 645044 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 #645044 looks like.

```
.text, #text, p{  
    color:#645044  
}
```

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 #645044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645044
}
```

Border

The CSS property to change the border of an element to Hex 645044 is called "border". The border property can be set on classes, ids or directly on the HTML element.

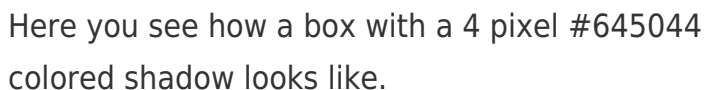
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#645044 }
```

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

```
.border{ border-color:#645044 }
```

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



Here you see how a box with a 4 pixel #645044 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645044; -webkit-box-shadow:4px 4px  
4px 4px #645044; box-shadow:4px 4px 4px  
4px #645044 }
```

Background

The CSS property to change the background color of an element to Hex 645044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645044 }
```

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

```
.background{ background-color:#645044 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor