

Converting Colors

Hex(645549)

Have a look what the booklet for
Hex(645549) contains.

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Color

Hex(645549)

Conversions

Conversions Part 1

Format	Color
Hex	645549
RGB	100, 85, 73
RGB Percent	39%, 33%, 29%
CMY	0.6078, 0.6667, 0.7137
CMYK	0.00, 0.15, 0.27, 0.61
HSL	27°, 16%, 34%
HSV	27°, 27%, 39%
XYZ	9.7066, 9.6874, 7.6616
YIQ	88.1170, 12.7920, -0.5520

Conversions

Conversions Part 2

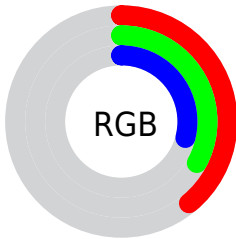
Format	Color
R_{YB}	100, 95, 73
Decimal	6575433
CIE Lab	37.28, 4.08, 9.29
CIE LCh	37, 10.141, 66.299
Yxy	9.6874, 0.3588, 0.3581
Android (android.graphics.Color)	4284765513 (0xFF645549)
YUV	88.1170, -7.4527, 10.4214
Hunter-Lab	31.1245, 1.1998, 7.1924

Details

The Hex color **645549** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **495864**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **97877A**, and **35281D** is the 20% darker color. If you saturate the color by 10%, you get **644F3F**, and if you desaturate by 10%, it is **645B53**.

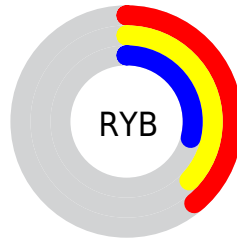
Distribution



 Red (39%)

 Green (33%)

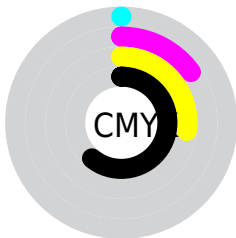
 Blue (29%)



 Red (39%)

 Yellow (37%)

 Blue (29%)

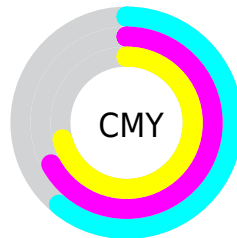


 Cyan (0%)

 Magenta (15%)

 Yellow (27%)

 Black (61%)



 Cyan (61%)

 Magenta (67%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645549 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 645549 by changing the saturation by 10% instead.



645549



645549

FFFFFF



4C3E32



97877A



35281D



B2A193



201404



CEBCAE



000000



EAD7C9



FFF4E5



645549



645549



644F3F



645B53



644A35



64605D

■ 64442B

■ 646667

■ 643F21

■ 646B71

■ 643917

■ 64717B

■ 64340D

■ 647685

■ 642E03

■ 647C8F

■ 642C00

■ 648199

■ 6487A3

Harmonies

Analogous

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



68534E



645549



5C5848

Triad

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



645549



445D59



5B5565

Complementary

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



645549



495864

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.



515868



645549



425C61

Square

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



645549



4A5C51



475A66



64535E

Rectangle

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



645549



565949



475A66



585666

Sweetspot

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



645549



827C78



644958



423F3C



C2C2C2



424242

Same Dimension

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



645549



826B58



646249



33302E



733300



F26C00

Inverse Universe

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



495864



587082



494B64



2E3133



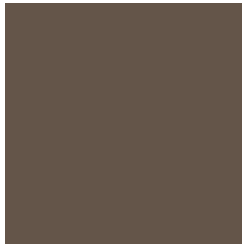
004073



0087F2

Previews

White Background



This preview shows how the Hex color 645549 looks on a white background.

Color Contrast Check

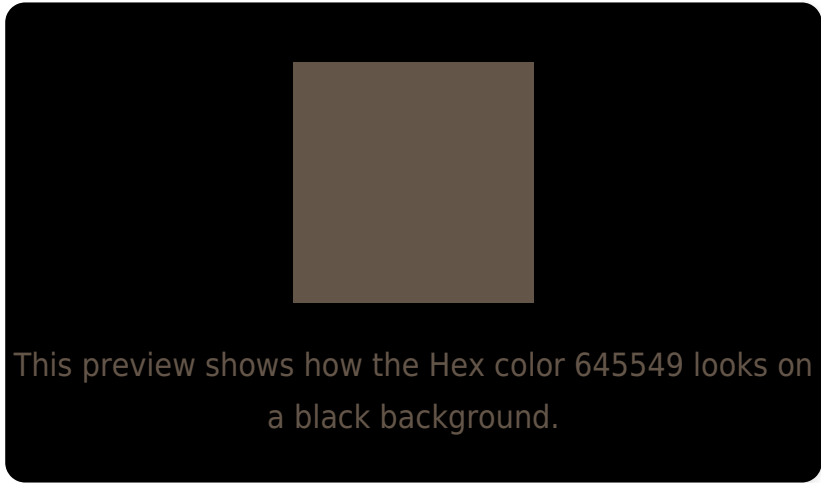
Large Text (above 18pt) WCAG AA ✓ Pass

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

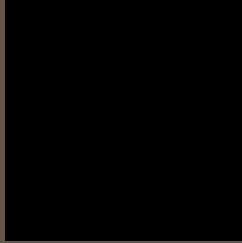
Any Text WCAG AA × Fail

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 645549 Background



This preview shows how black text looks on a background with the Hex color 645549.



This preview shows how white text looks on a background with the Hex color 645549.

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
645549

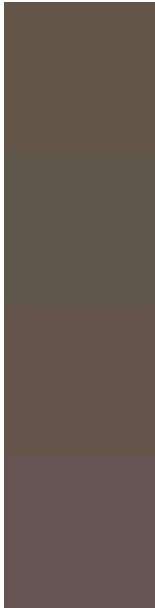
Protanopia
5C584A

Deuteranopia
655449



Tritanopia
665359

Trichromacy



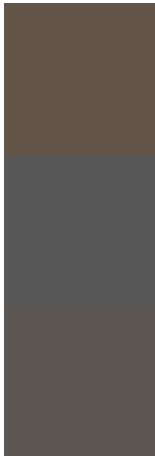
Original Color
645549

Protanomaly
5F574A

Deuteranomaly
655449

Tritanomaly
655453

Monochromacy



Original Color
645549

Achromatopsia
585858

Achromatomaly
5C5753

CSS Examples

Text

The CSS property to change the color of the text to Hex 645549 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 #645549 looks like.

```
.text, #text, p{  
    color:#645549  
}
```

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 #645549 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645549
}
```

Border

The CSS property to change the border of an element to Hex 645549 is called "border". The border property can be set on classes, ids or directly on the HTML element.

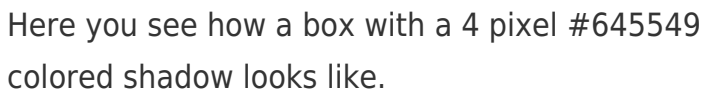
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#645549 }
```

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

```
.border{ border-color:#645549 }
```

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



Here you see how a box with a 4 pixel #645549 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645549; -webkit-box-shadow:4px 4px  
4px 4px #645549; box-shadow:4px 4px 4px  
4px #645549 }
```

Background

The CSS property to change the background color of an element to Hex 645549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645549 }
```

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

```
.background{ background-color:#645549 }
```

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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