

# Converting Colors

Hex(645347)

Have a look what the booklet for  
Hex(645347) contains.

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# Color

Hex(645347)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	645347
RGB	100, 83, 71
RGB Percent	39%, 33%, 28%
CMY	0.6078, 0.6745, 0.7216
CMYK	0.00, 0.17, 0.29, 0.61
HSL	25°, 17%, 34%
HSV	25°, 29%, 39%
XYZ	9.4861, 9.3508, 7.2661
YIQ	86.7150, 13.9840, -0.1280

# Conversions

## Conversions Part 2

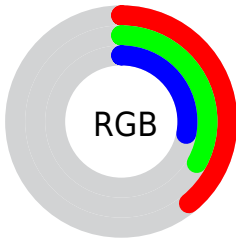
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 91, 71
Decimal	6574919
CIE Lab	36.65, 4.98, 9.65
CIE LCh	37, 10.865, 62.696
Yxy	9.3508, 0.3634, 0.3582
Android (android.graphics.Color)	4284764999 (0xFF645347)
YUV	86.7150, -7.7475, 11.6509
Hunter-Lab	30.5790, 1.8603, 7.3169

# Details

The Hex color **645347** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **475864**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **978477**, and **35261C** is the 20% darker color. If you saturate the color by 10%, you get **644D3D**, and if you desaturate by 10%, it is **645951**.

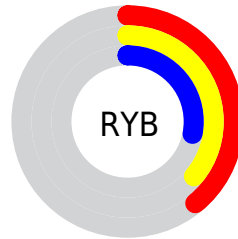
# Distribution




 Red (39%)

 Green (33%)

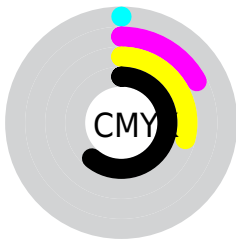
 Blue (28%)




 Red (39%)

 Yellow (36%)

 Blue (28%)

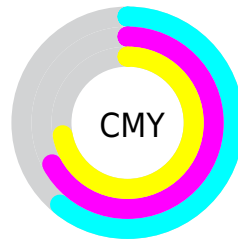


 Cyan (0%)

 Magenta (17%)

 Yellow (29%)

 Black (61%)



 Cyan (61%)

 Magenta (67%)

 Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 645347 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 645347 by changing the saturation by 10% instead.



■ 645347

■ 645347

FFFFFF

■ 4C3C31

■ 978477

■ 35261C

■ B29F91

■ 201201

■ CEB9AC

■ 000000

■ EAD5C7

■ FFF2E3

■ 645347

■ 645347

■ 644D3D

■ 645951

■ 644733

■ 645F5B

■ 644129

■ 646565

■ 643C1F

■ 646A6F

■ 643615

■ 647079

■ 64300B

■ 647683

■ 642A01

■ 647C8D

■ 642900

■ 648297

■ 6488A1

# Harmonies

## Analogous

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



68514D



645347



5C5645

# Triad

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



645347



415B57



595465

# Complementary

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



645347



475864

# 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.



4D5767



645347



3F5B5F

# Square

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



645347



495A4E



445965



62515E

# Rectangle

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



645347



565846



445965



555566



# Sweetspot

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



645347



827B76



644758



423E3B



C2C2C2



424242



# Same Dimension

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



645347



826755



646147



33302E



732F00



F26400



# Inverse Universe

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



475864



556F82



474A64



2E3133



004373



008EF2



# Previews

## White Background



This preview shows how the Hex color 645347 looks on a white background.

## Color Contrast Check

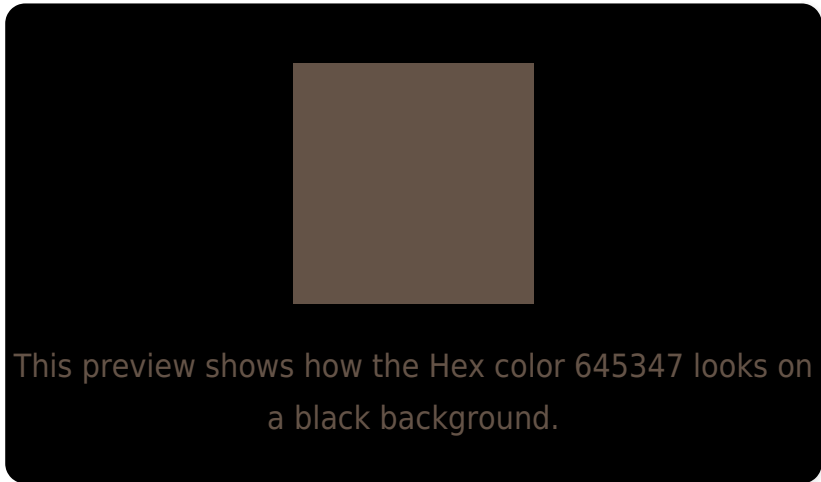
Large Text (above 18pt) WCAG AA ✓ Pass

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

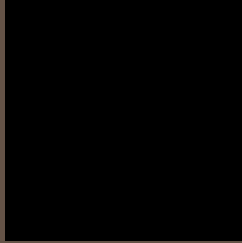
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 645347 Background



This preview shows how black text looks on a background with the Hex color 645347.



This preview shows how white text looks on a background with the Hex color 645347.

# 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**  
645347

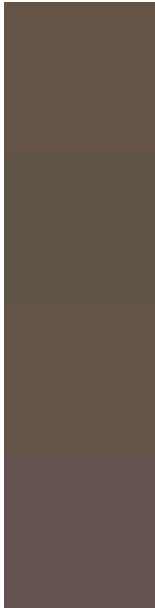
**Protanopia**  
5B5649

**Deuteranopia**  
645347



**Tritanopia**  
665157

# Trichromacy



**Original Color**  
645347

**Protanomaly**  
5E5548

**Deuteranomaly**  
645347

**Tritanomaly**  
655251

# Monochromacy



**Original Color**  
645347

**Achromatopsia**  
575757

**Achromatomaly**  
5C5651

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 645347 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 #645347 looks like.

```
.text, #text, p{  
    color:#645347  
}
```

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 #645347 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645347
}
```

## Border

The CSS property to change the border of an element to Hex 645347 is called "border". The border property can be set on classes, ids or directly on the HTML element.

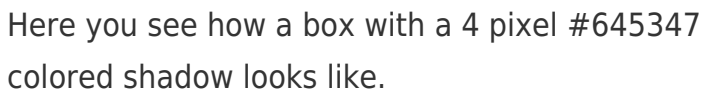
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#645347 }
```

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

```
.border{ border-color:#645347 }
```

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



Here you see how a box with a 4 pixel #645347 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645347; -webkit-box-shadow:4px 4px  
4px 4px #645347; box-shadow:4px 4px 4px  
4px #645347 }
```

# Background

The CSS property to change the background color of an element to Hex 645347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645347 }
```

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

```
.background{ background-color:#645347 }
```

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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