

Converting Colors

Hex(665347)

Have a look what the booklet for
Hex(665347) contains.

Hex(665347)	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(665347)

Conversions

Conversions Part 1

Format	Color
Hex	665347
RGB	102, 83, 71
RGB Percent	40%, 33%, 28%
CMY	0.6000, 0.6745, 0.7216
CMYK	0.00, 0.19, 0.30, 0.60
HSL	23°, 18%, 34%
HSV	23°, 30%, 40%
XYZ	9.7101, 9.4662, 7.2766
YIQ	87.3130, 15.1760, 0.2960

Conversions

Conversions Part 2

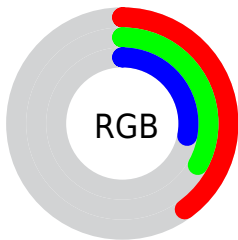
Format	Color
RYB	102, 91, 71
Decimal	6705991
CIELab	36.87, 5.86, 9.99
CIElCh	37, 11.582, 59.579
Yxy	9.4662, 0.3671, 0.3579
Android (android.graphics.Color)	4284896071 (0xFF665347)
YUV	87.3130, -8.0423, 12.8805
Hunter-Lab	30.7672, 2.4916, 7.5146

Details

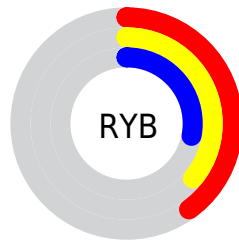
The Hex color **665347** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **475A66**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **9A8477**, and **36261C** is the 20% darker color. If you saturate the color by 10%, you get **664D3D**, and if you desaturate by 10%, it is **665951**.

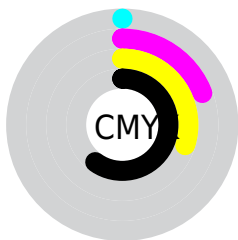
Distribution



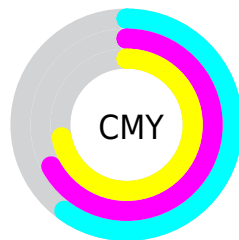
- Red (40%)
- Green (33%)
- Blue (28%)



- Red (40%)
- Yellow (36%)
- Blue (28%)



- Cyan (0%)
- Magenta (19%)
- Yellow (30%)
- Black (60%)



- Cyan (60%)
- Magenta (67%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 665347 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 665347 by changing the saturation by 10% instead.



665347



665347

FFFFFF



4E3C31



9A8477



36261C



B59F91



221201



D0B9AC



000000



EDD5C7



FFF2E3



665347



665347



664D3D



665951



664633



66605B

■ 664028

■ 666666

■ 663A1E

■ 666C70

■ 663414

■ 66727A

■ 662D0A

■ 667984

■ 662700

■ 667F8E

■ 668599

■ 668BA3

Harmonies

Analogous

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



6A514E



665347



5E5644

Triad

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



665347



415C56



585467

Complementary

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



665347



475A66

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.



4C5869



665347



3D5C60

Square

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



665347



495B4D



425A66



635260

Rectangle

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



665347



575845



425A66



545568

Sweetspot

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



665347



857D79



66475A



423E3B



C2C2C2



424242

Same Dimension

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



665347



856755



666247



33302E



732C00



F25E00

Inverse Universe

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



475A66



557285



474B66



2E3133



004673



0094F2

Previews

White Background



This preview shows how the Hex color 665347 looks on a white background.

Color Contrast Check

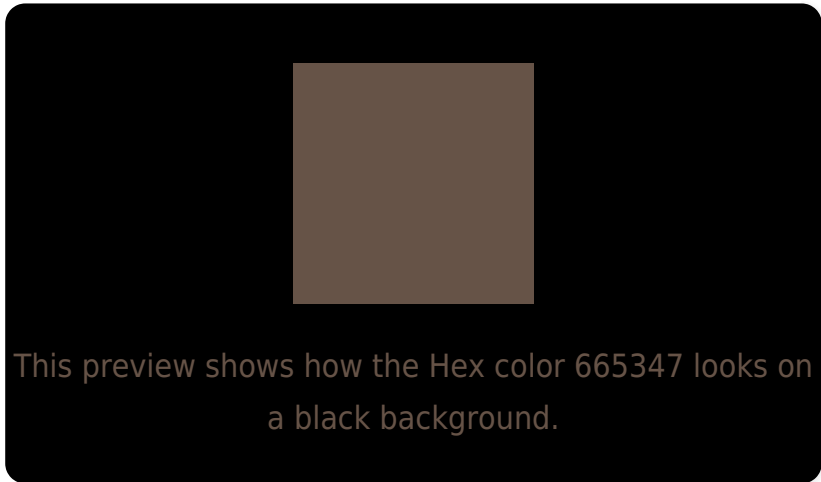
Large Text (above 18pt) WCAG AA ✓ Pass

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

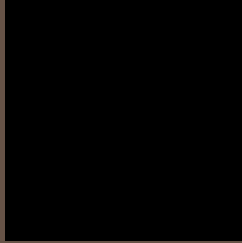
Any Text WCAG AA × Fail

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 665347 Background



This preview shows how black text looks on a background with the Hex color 665347.

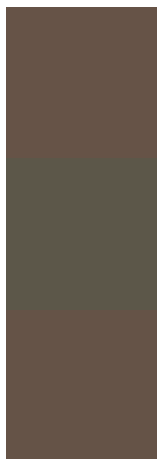


This preview shows how white text looks on a background with the Hex color 665347.

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
665347

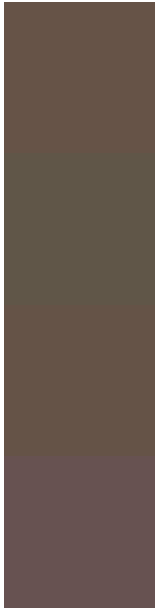
Protanopia
5C5749

Deuteranopia
655347



Tritanopia
685157

Trichromacy



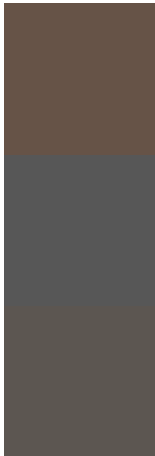
Original Color
665347

Protanomaly
605648

Deuteranomaly
655347

Tritanomaly
675251

Monochromacy



Original Color
665347

Achromatopsia
575757

Achromatomaly
5C5651

CSS Examples

Text

The CSS property to change the color of the text to Hex 665347 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 #665347 looks like.

```
.text, #text, p{  
    color:#665347  
}
```

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 #665347 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #665347
}
```

Border

The CSS property to change the border of an element to Hex 665347 is called "border". The border property can be set on classes, ids or directly on the HTML element.

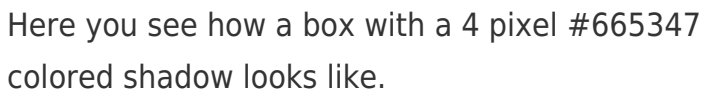
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#665347 }
```

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

```
.border{ border-color:#665347 }
```

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



Here you see how a box with a 4 pixel #665347 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #665347; -webkit-box-shadow:4px 4px  
4px 4px #665347; box-shadow:4px 4px 4px  
4px #665347 }
```

Background

The CSS property to change the background color of an element to Hex 665347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#665347 }
```

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

```
.background{ background-color:#665347 }
```

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