

Converting Colors

Hex(665333)

Have a look what the booklet for
Hex(665333) contains.

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Color

Hex(665333)

Conversions

Conversions Part 1

Format	Color
Hex	665333
RGB	102, 83, 51
RGB Percent	40%, 33%, 20%
CMY	0.6000, 0.6745, 0.8000
CMYK	0.00, 0.19, 0.50, 0.60
HSL	38°, 33%, 30%
HSV	38°, 50%, 40%
XYZ	9.1703, 9.2503, 4.4341
YIQ	85.0330, 21.5960, -5.9240

Conversions

Conversions Part 2

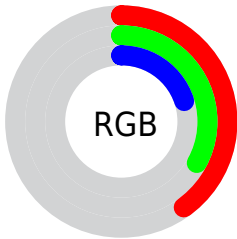
Format	Color
R_{YB}	81, 102, 51
Decimal	6705971
CIE _{Lab}	36.46, 3.20, 21.64
CIE _{LCh}	36, 21.877, 81.598
Yxy	9.2503, 0.4012, 0.4047
Android (android.graphics.Color)	4284896051 (0xFF665333)
YUV	85.0330, -16.7783, 14.8801
Hunter-Lab	30.4143, 0.5949, 12.6461

Details

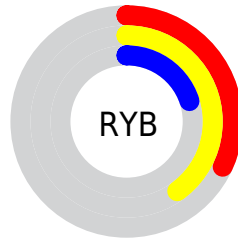
The Hex color **665333** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **334666**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **9A8462**, and **352606** is the 20% darker color. If you saturate the color by 10%, you get **664F29**, and if you desaturate by 10%, it is **66573D**.

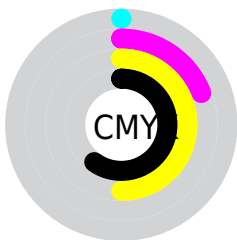
Distribution



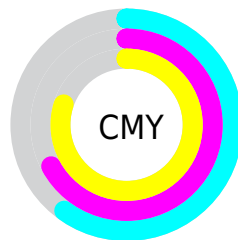
- Red (40%)
- Green (33%)
- Blue (20%)



- Red (32%)
- Yellow (40%)
- Blue (20%)



- Cyan (0%)
- Magenta (19%)
- Yellow (50%)
- Black (60%)



- Cyan (60%)
- Magenta (67%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 665333 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 665333 by changing the saturation by 10% instead.



665333



665333

FFFFFF



4D3C1D



9A8462



352606



B69E7B



1F1200



D2B995



000000



EED5B0



FFF1CB



FFFFE7



665333



665333



664F29



66573D

■ 664B1F

■ 665B47

■ 664814

■ 665E52

■ 66440A

■ 66625C

■ 664000

■ 666666

■ 666A70

■ 666E7A

■ 667185

■ 66758F

Harmonies

Analogous

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



734D3B



665333



555935

Triad

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



665333



155F62



674D6C

Complementary

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



665333



334666

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.



515376



665333



195D71

Square

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



665333



2A5F50



355978



75495B

Rectangle

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



665333



475C3B



355978



614F70

Sweetspot

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



665333



857D71



663347



423E36



C2C2C2



424242

Same Dimension

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



665333



856735



606633



33312E



734800



F29800

Inverse Universe

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



334666



355385



393366



2E3033



002B73



005AF2

Previews

White Background



This preview shows how the Hex color 665333 looks on a white background.

Color Contrast Check

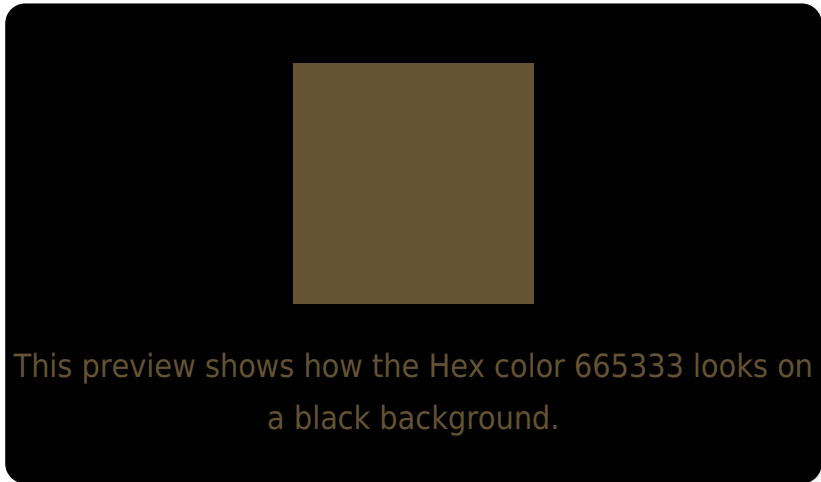
Large Text (above 18pt) WCAG AA ✓ Pass

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

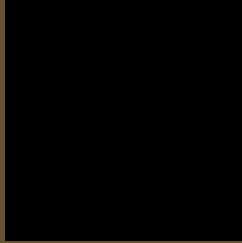
Any Text WCAG AA × Fail

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 665333 Background



This preview shows how black text looks on a background with the Hex color 665333.



This preview shows how white text looks on a background with the Hex color 665333.

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
665333

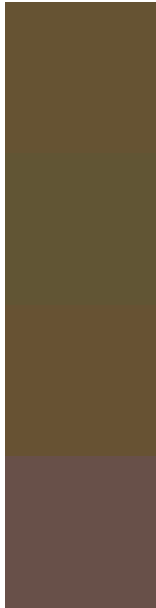
Protanopia
5E5634

Deuteranopia
685233



Tritanopia
694F55

Trichromacy



Original Color
665333

Protanomaly
615534

Deuteranomaly
675233

Tritanomaly
685049

Monochromacy



Original Color
665333

Achromatopsia
555555

Achromatomaly
5B5449

CSS Examples

Text

The CSS property to change the color of the text to Hex 665333 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 #665333 looks like.

```
.text, #text, p{  
    color:#665333  
}
```

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 #665333 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #665333
}
```

Border

The CSS property to change the border of an element to Hex 665333 is called "border". The border property can be set on classes, ids or directly on the HTML element.

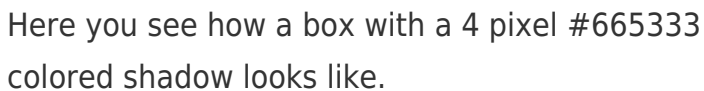
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#665333 }
```

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

```
.border{ border-color:#665333 }
```

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



Here you see how a box with a 4 pixel #665333 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #665333; -webkit-box-shadow:4px 4px  
4px 4px #665333; box-shadow:4px 4px 4px  
4px #665333 }
```

Background

The CSS property to change the background color of an element to Hex 665333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#665333 }
```

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

```
.background{ background-color:#665333 }
```

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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