

Converting Colors

Hex(665130)

Have a look what the booklet for
Hex(665130) contains.

Hex(665130)	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(665130)

Conversions

Conversions Part 1

Format	Color
Hex	665130
RGB	102, 81, 48
RGB Percent	40%, 32%, 19%
CMY	0.6000, 0.6824, 0.8118
CMYK	0.00, 0.21, 0.53, 0.60
HSL	37°, 36%, 29%
HSV	37°, 53%, 40%
XYZ	8.9554, 8.9230, 4.0466
YIQ	83.5170, 23.1090, -5.8110

Conversions

Conversions Part 2

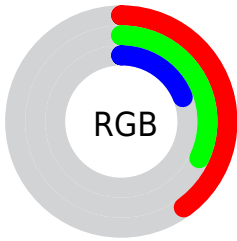
Format	Color
R _Y B	82, 102, 48
Decimal	6705456
CIE Lab	35.84, 4.09, 22.63
CIE LCh	36, 22.995, 79.755
Yxy	8.9230, 0.4085, 0.4070
Android (android.graphics.Color)	4284895536 (0xFF665130)
YUV	83.5170, -17.5099, 16.2096
Hunter-Lab	29.8715, 1.2390, 12.8781

Details

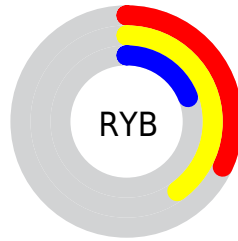
The Hex color **665130** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **304566**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **9A825F**, and **352501** is the 20% darker color. If you saturate the color by 10%, you get **664D26**, and if you desaturate by 10%, it is **66553A**.

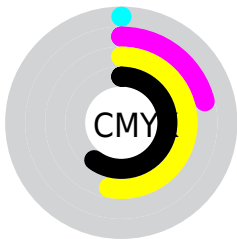
Distribution



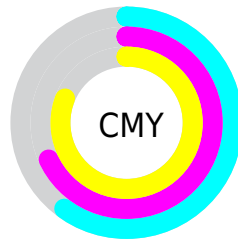
- Red (40%)
- Green (32%)
- Blue (19%)



- Red (32%)
- Yellow (40%)
- Blue (19%)



- Cyan (0%)
- Magenta (21%)
- Yellow (53%)
- Black (60%)



- Cyan (60%)
- Magenta (68%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 665130 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 665130 by changing the saturation by 10% instead.

 665130

 665130

FFFFFF

 4D3A1A

 9A825F

 352501

 B69C78

 1E1000

 D2B792

 000000

 EFD3AC

 FFEFC8

 FFFFE4

 665130

 665130

 664D26

 66553A

■ 66491C

■ 665944

■ 664511

■ 665D4F

■ 664107

■ 666159

■ 663E00

■ 666563

■ 66696D

■ 666D77

■ 667182

■ 66758C

Harmonies

Analogous

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



734B39



665130



545731

Triad

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



665130



0A5E60



654B6C

Complementary

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



665130



304566

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.



4D5277



665130



0B5C70

Square

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



665130



275E4D



2E5878



74475B

Rectangle

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



665130



465A37



2E5878



5E4D71

Sweetspot

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



665130



857C6F



663046



423D36



C2C2C2



424242

Same Dimension

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



665130



856430



616630



33312E



734600



F29400

Inverse Universe

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



304566



305185



353066



2E3033



002D73



005EF2

Previews

White Background



This preview shows how the Hex color 665130 looks on a white background.

Color Contrast Check

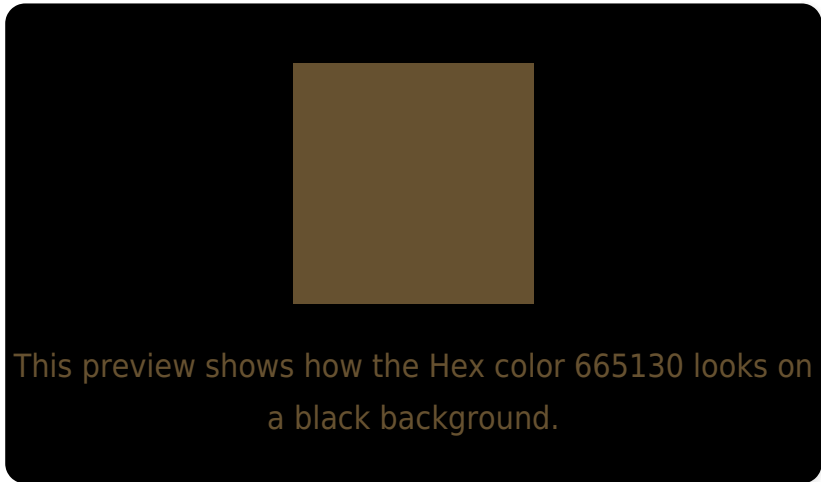
Large Text (above 18pt) WCAG AA ✓ Pass

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

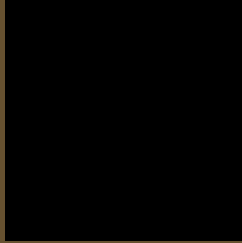
Any Text WCAG AA × Fail

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 665130 Background



This preview shows how black text looks on a background with the Hex color 665130.



This preview shows how white text looks on a background with the Hex color 665130.

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
665130

Protanopia
5D5531

Deuteranopia
675130



Tritanopia
694D53

Trichromacy



Original Color
665130

Protanomaly
605431

Deuteranomaly
675130

Tritanomaly
684E46

Monochromacy



Original Color
665130

Achromatopsia
545454

Achromatomaly
5B5347

CSS Examples

Text

The CSS property to change the color of the text to Hex 665130 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 #665130 looks like.

```
.text, #text, p{  
    color:#665130  
}
```

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 #665130 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #665130
}
```

Border

The CSS property to change the border of an element to Hex 665130 is called "border". The border property can be set on classes, ids or directly on the HTML element.

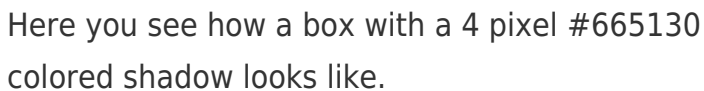
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#665130 }
```

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

```
.border{ border-color:#665130 }
```

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



Here you see how a box with a 4 pixel #665130 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #665130; -webkit-box-shadow:4px 4px  
4px 4px #665130; box-shadow:4px 4px 4px  
4px #665130 }
```

Background

The CSS property to change the background color of an element to Hex 665130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#665130 }
```

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

```
.background{ background-color:#665130 }
```

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