

Converting Colors

Hex(665A40)

Have a look what the booklet for
Hex(665A40) contains.

Hex(665A40)	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(665A40)

Conversions

Conversions Part 1

Format	Color
Hex	665A40
RGB	102, 90, 64
RGB Percent	40%, 35%, 25%
CMY	0.6000, 0.6471, 0.7490
CMYK	0.00, 0.12, 0.37, 0.60
HSL	41°, 23%, 33%
HSV	41°, 37%, 40%
XYZ	10.0611, 10.5073, 6.3483
YIQ	90.6240, 15.4980, -5.5420

Conversions

Conversions Part 2

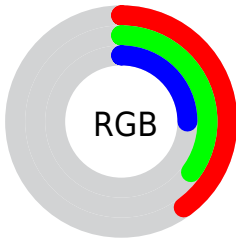
Format	Color
R_{YB}	82, 102, 64
Decimal	6707776
CIE _{Lab}	38.74, 0.58, 16.82
CIE _{LCh}	39, 16.833, 88.015
Yxy	10.5073, 0.3738, 0.3904
Android (android.graphics.Color)	4284897856 (0xFF665A40)
YUV	90.6240, -13.1256, 9.9768
Hunter-Lab	32.4149, -1.3226, 11.0788

Details

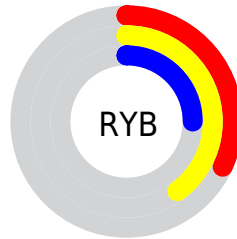
The Hex color **665A40** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **404C66**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **9A8C70**, and **362D15** is the 20% darker color. If you saturate the color by 10%, you get **665736**, and if you desaturate by 10%, it is **665D4A**.

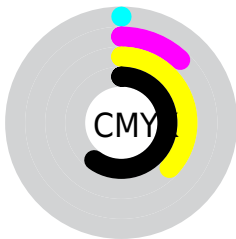
Distribution



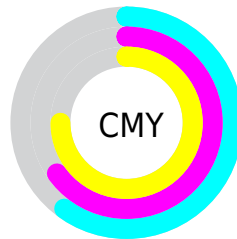
- Red (40%)
- Green (35%)
- Blue (25%)



- Red (32%)
- Yellow (40%)
- Blue (25%)



- Cyan (0%)
- Magenta (12%)
- Yellow (37%)
- Black (60%)



- Cyan (60%)
- Magenta (65%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 665A40 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 665A40 by changing the saturation by 10% instead.



665A40



665A40

FFFFFF



4E432A



9A8C70



362D15



B5A689



211800



D1C1A4



000000



EDDDBF



FFFADB



FFFFFF7



665A40



665A40



665736



665D4A

■ 66542C

■ 666054

■ 665021

■ 66645F

■ 664D17

■ 666769

■ 664A0D

■ 666A73

■ 664703

■ 666D7D

■ 664600

■ 667187

■ 667492

■ 66779C

Harmonies

Analogous

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



715545



665A40



585E43

Triad

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



665A40



326368



6C546A

Complementary

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



665A40



404C66

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.



5C5873



665A40



386072

Square

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



665A40



3A635A



495D76



75515D

Rectangle

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



665A40



4D6049



495D76



67556E

Sweetspot

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



665A40



858076



66404C



42403A



C2C2C2



424242

Same Dimension

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



665A40



857249



5F6640



33312E



734F00



F2A600

Inverse Universe

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



404C66



495C85



474066



2E3033



002473



004DF2

Previews

White Background



This preview shows how the Hex color 665A40 looks on a white background.

Color Contrast Check

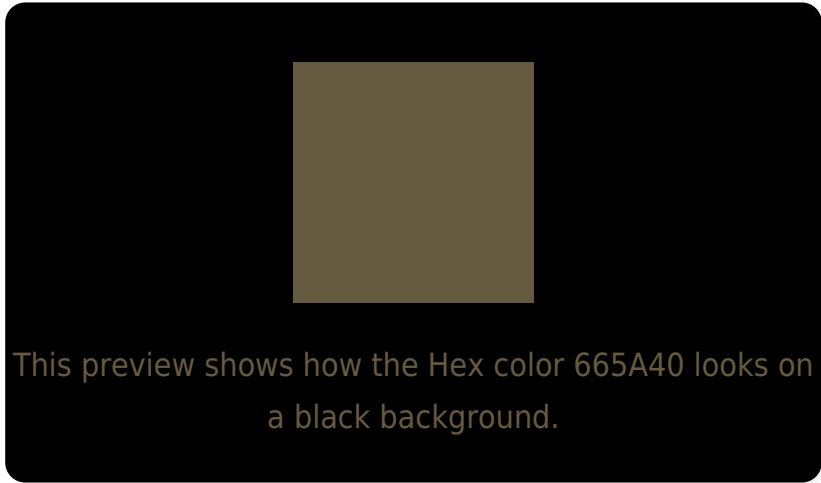
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

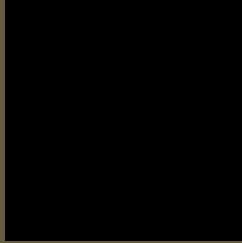
Any Text WCAG AA × Fail

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 665A40 Background



This preview shows how black text looks on a background with the Hex color 665A40.

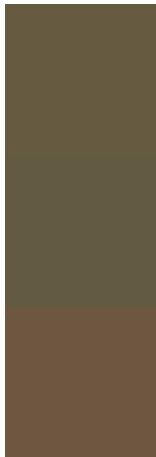


This preview shows how white text looks on a background with the Hex color 665A40.

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
665A40

Protanopia
625B41

Deuteranopia
6D5741



Tritanopia
69565D

Trichromacy



Original Color
665A40

Protanomaly
635B41

Deuteranomaly
6A5841

Tritanomaly
685752

Monochromacy



Original Color
665A40

Achromatopsia
5B5B5B

Achromatomaly
5F5B51

CSS Examples

Text

The CSS property to change the color of the text to Hex 665A40 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 #665A40 looks like.

```
.text, #text, p{  
    color:#665A40  
}
```

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 #665A40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #665A40
}
```

Border

The CSS property to change the border of an element to Hex 665A40 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
#665A40 }
```

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

```
.border{ border-color:#665A40 }
```

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

Here you see how a box with a 4 pixel #665A40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #665A40; -webkit-box-shadow:4px 4px  
4px 4px #665A40; box-shadow:4px 4px 4px  
4px #665A40 }
```

Background

The CSS property to change the background color of an element to Hex 665A40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#665A40 }
```

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

```
.background{ background-color:#665A40 }
```

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