

Converting Colors

Hex(664938)

Have a look what the booklet for
Hex(664938) contains.

Hex(664938)	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(664938)

Conversions

Conversions Part 1

Format	Color
Hex	664938
RGB	102, 73, 56
RGB Percent	40%, 29%, 22%
CMY	0.6000, 0.7137, 0.7804
CMYK	0.00, 0.28, 0.45, 0.60
HSL	22°, 29%, 31%
HSV	22°, 45%, 40%
XYZ	8.5758, 7.8754, 4.8095
YIQ	79.7330, 22.7410, 0.8610

Conversions

Conversions Part 2

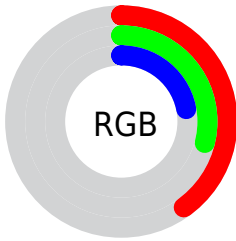
Format	Color
R_{YB}	102, 83, 56
Decimal	6703416
CIE _{Lab}	33.72, 9.94, 15.03
CIE _{LCh}	34, 18.019, 56.521
Yxy	7.8754, 0.4034, 0.3704
Android (android.graphics.Color)	4284893496 (0xFF664938)
YUV	79.7330, -11.7004, 19.5282
Hunter-Lab	28.0631, 5.4375, 9.4830

Details

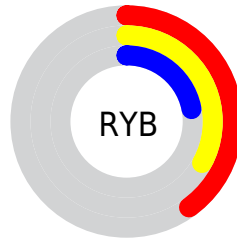
The Hex color **664938** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **385566**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **9A7A67**, and **351D0D** is the 20% darker color. If you saturate the color by 10%, you get **66432E**, and if you desaturate by 10%, it is **664F42**.

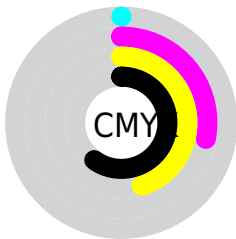
Distribution



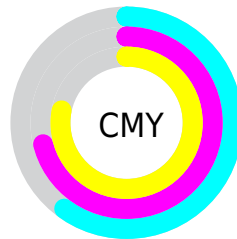
- Red (40%)
- Green (29%)
- Blue (22%)



- Red (40%)
- Yellow (33%)
- Blue (22%)



- Cyan (0%)
- Magenta (28%)
- Yellow (45%)
- Black (60%)



- Cyan (60%)
- Magenta (71%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 664938 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 664938 by changing the saturation by 10% instead.



664938



664938

FFFFFF



4D3222



9A7A67



351D0D



B69380



200500



D2AE9A



000000



EEC9B5



FFE6D1



FFFFED



664938



664938



66432E



664F42

■ 663C24

■ 66564C

■ 663619

■ 665C57

■ 662F0F

■ 666361

■ 662905

■ 66696B

■ 662600

■ 667075

■ 66767F

■ 667C8A

■ 668394

Harmonies

Analogous

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



6C4543



664938



5B4E33

Triad

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



664938



2B574D



4F4C69

Complementary

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



664938



385566

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.



3A516C



664938



20575C

Square

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



664938



3B553F



275567



60475F

Rectangle

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



664938



515134



275567



484E6B

Sweetspot

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



664938



857972



663855



423B37



C2C2C2



424242

Same Dimension

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



664938



85573D



666038



33302E



732A00



F25A00

Inverse Universe

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



385566



3D6A85



383E66



2E3133



004873



0099F2

Previews

White Background



This preview shows how the Hex color 664938 looks on a white background.

Color Contrast Check

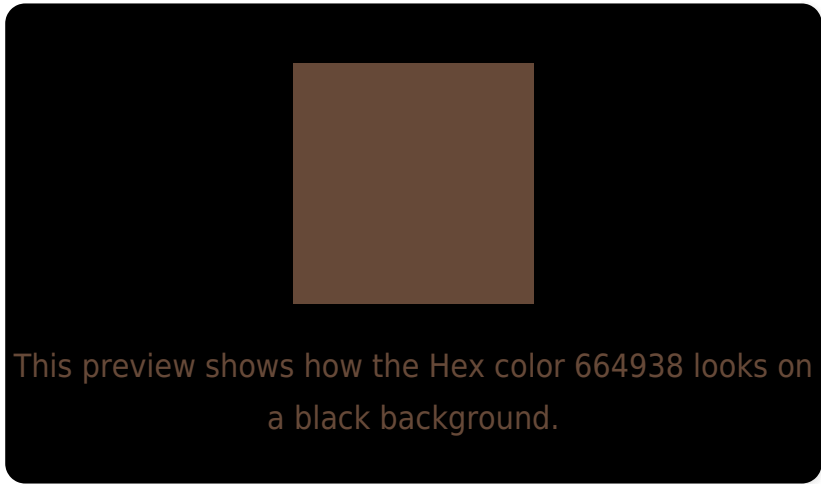
Large Text (above 18pt) WCAG AA ✓ Pass

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

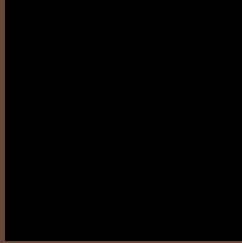
Any Text WCAG AA × Fail

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 664938 Background



This preview shows how black text looks on a background with the Hex color 664938.

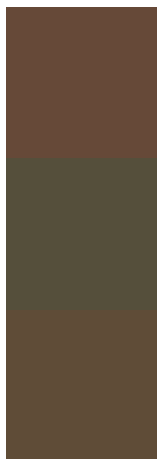


This preview shows how white text looks on a background with the Hex color 664938.

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
664938

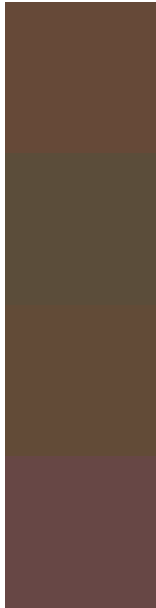
Protanopia
554F3B

Deuteranopia
5F4C37



Tritanopia
68464C

Trichromacy



Original Color
664938

Protanomaly
5B4D3A

Deuteranomaly
624B37

Tritanomaly
674745

Monochromacy



Original Color
664938

Achromatopsia
505050

Achromatomaly
584D47

CSS Examples

Text

The CSS property to change the color of the text to Hex 664938 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 #664938 looks like.

```
.text, #text, p{  
    color:#664938  
}
```

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 #664938 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #664938
}
```

Border

The CSS property to change the border of an element to Hex 664938 is called "border". The border property can be set on classes, ids or directly on the HTML element.

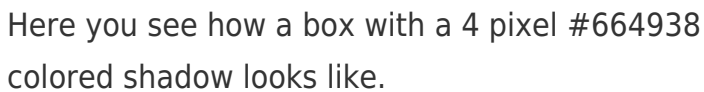
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#664938 }
```

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

```
.border{ border-color:#664938 }
```

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



Here you see how a box with a 4 pixel #664938 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #664938; -webkit-box-shadow:4px 4px  
4px 4px #664938; box-shadow:4px 4px 4px  
4px #664938 }
```

Background

The CSS property to change the background color of an element to Hex 664938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#664938 }
```

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

```
.background{ background-color:#664938 }
```

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