

# Converting Colors

Hex(664A3F)

Have a look what the booklet for  
Hex(664A3F) contains.

<b>Hex(664A3F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(664A3F)

# Conversions

## Conversions Part 1

Format	Color
Hex	664A3F
RGB	102, 74, 63
RGB Percent	40%, 29%, 25%
CMY	0.6000, 0.7098, 0.7529
CMYK	0.00, 0.27, 0.38, 0.60
HSL	17°, 24%, 32%
HSV	17°, 38%, 40%
XYZ	8.8255, 8.0812, 5.7973
YIQ	81.1180, 20.2190, 2.5150

# Conversions

## Conversions Part 2

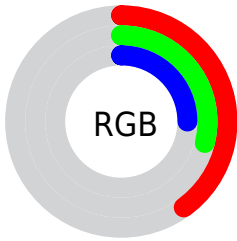
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 78, 63
Decimal	6703679
CIELab	34.15, 10.24, 11.23
CIElCh	34, 15.198, 47.623
Yxy	8.0812, 0.3887, 0.3559
Android (android.graphics.Color)	4284893759 (0xFF664A3F)
YUV	81.1180, -8.9322, 18.3135
Hunter-Lab	28.4275, 5.6682, 7.8080




# Details

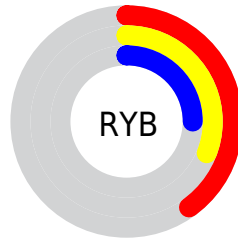
The Hex color **664A3F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3F5B66**, and the grayscale version is **515151**.




A 20% lighter version of the original color is **9A7B6F**, and **361E15** is the 20% darker color. If you saturate the color by 10%, you get **664335**, and if you desaturate by 10%, it is **665149**.

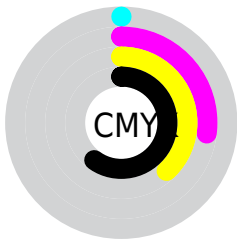
# Distribution







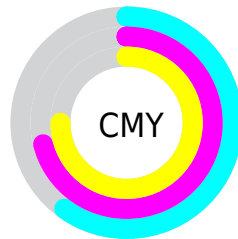
-  Red (40%)
-  Green (29%)
-  Blue (25%)






-  Red (40%)
-  Yellow (31%)
-  Blue (25%)



-  Cyan (0%)
-  Magenta (27%)
-  Yellow (38%)
-  Black (60%)



-  Cyan (60%)
-  Magenta (71%)
-  Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 664A3F 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 664A3F by changing the saturation by 10% instead.



 664A3F

 664A3F

FFFFFF

 4D3329

 9A7B6F

 361E15

 B59588

 210600

 D1AFA2

 000000

 EECBBD

 FFE7D9

 FFFFF6

 664A3F

 664A3F

 664335

 665149

663B2B

665953

663420

66605E

662D16

666768

66250C

666F72

661E02

66767C

661D00

667D86

668591

668C9B

# Harmonies

## Analogous

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



69484A



664A3F



5E4E39

# Triad

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



664A3F



37574B



4B4F67

# Complementary

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



664A3F



3F5B66

# 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.



3B5368



664A3F



2D5757

# Square

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



664A3F



445540



2E5662



5B4B61

# Rectangle

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



664A3F



565138



2E5662



465068



# Sweetspot

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



664A3F



857A76



663F5C



423C3A



C2C2C2



424242



# Same Dimension

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



664A3F



855948



665D3F



332F2E



732000



F24400



# Inverse Universe

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



3F5B66



487385



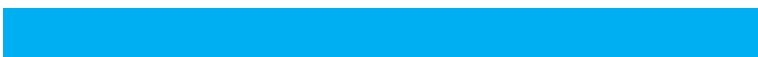
3F4866



2E3233



005273



00AEF2



# Previews

## White Background



This preview shows how the Hex color 664A3F looks on a white background.

## Color Contrast Check

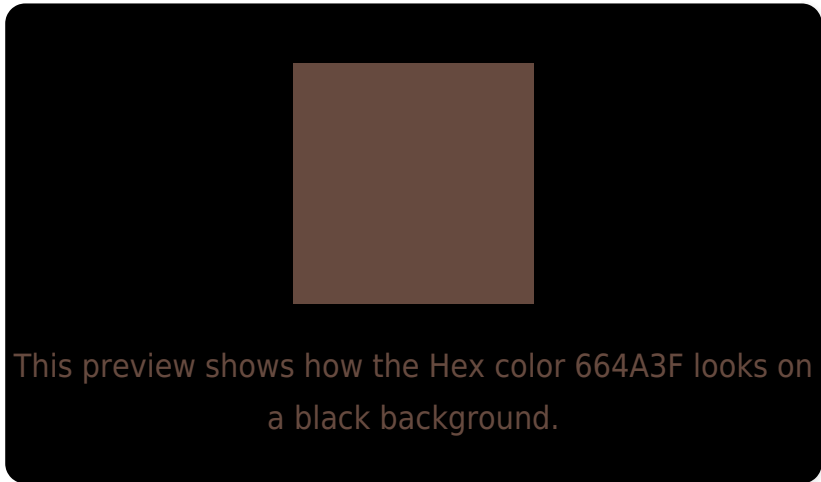
Large Text (above 18pt) WCAG AA ✓ Pass

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 664A3F Background



This preview shows how black text looks on a background with the Hex color 664A3F.

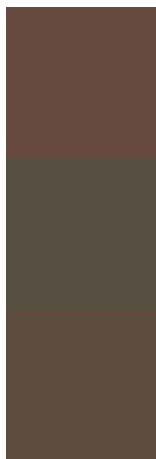


This preview shows how white text looks on a background with the Hex color 664A3F.

# 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**


664A3F

**Protanopia**

55042

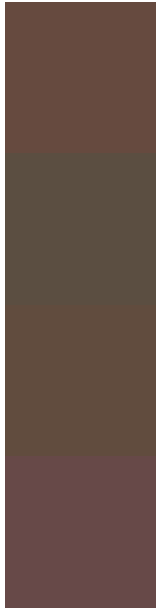
**Deuteranopia**

5E4D3E



**Tritanopia**  
67484D

# Trichromacy



**Original Color**  
664A3F

**Protanomaly**  
5B4E41

**Deuteranomaly**  
614C3E

**Tritanomaly**  
674948

# Monochromacy



**Original Color**  
664A3F

**Achromatopsia**  
515151

**Achromatomaly**  
594E4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 664A3F 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 #664A3F looks like.

```
.text, #text, p{  
    color:#664A3F  
}
```

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 #664A3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #664A3F
}
```

## Border

The CSS property to change the border of an element to Hex 664A3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

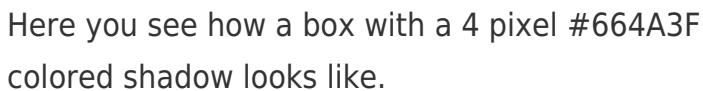
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#664A3F }
```

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

```
.border{ border-color:#664A3F }
```

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



Here you see how a box with a 4 pixel #664A3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #664A3F; -webkit-box-shadow:4px 4px  
4px 4px #664A3F; box-shadow:4px 4px 4px  
4px #664A3F }
```

# Background

The CSS property to change the background color of an element to Hex 664A3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#664A3F }
```

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

```
.background{ background-color:#664A3F }
```

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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