

# Converting Colors

Hex(664530)

Have a look what the booklet for  
Hex(664530) contains.

<b>Hex(664530)</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(664530)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	664530
RGB	102, 69, 48
RGB Percent	40%, 27%, 19%
CMY	0.6000, 0.7294, 0.8118
CMYK	0.00, 0.32, 0.53, 0.60
HSL	23°, 36%, 29%
HSV	23°, 53%, 40%
XYZ	8.1411, 7.2944, 3.7752
YIQ	76.4730, 26.4090, 0.4650

# Conversions

## Conversions Part 2

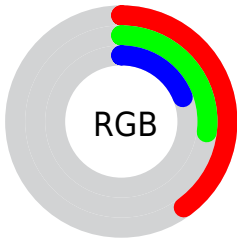
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 82, 48
Decimal	6702384
CIE <sub>Lab</sub>	32.47, 11.49, 18.35
CIE <sub>LCh</sub>	32, 21.650, 57.946
Yxy	7.2944, 0.4238, 0.3797
Android (android.graphics.Color)	4284892464 (0xFF664530)
YUV	76.4730, -14.0372, 22.3872
Hunter-Lab	27.0082, 6.5411, 10.6182




# Details

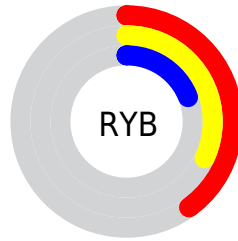
The Hex color **664530** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **305166**, and the grayscale version is **4D4D4D**.




A 20% lighter version of the original color is **9B755E**, and **351901** is the 20% darker color. If you saturate the color by 10%, you get **663F26**, and if you desaturate by 10%, it is **664B3A**.

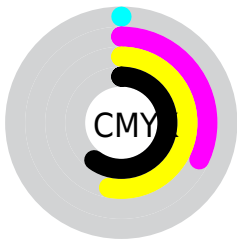
# Distribution







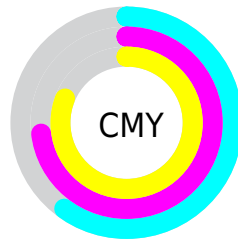
-  Red (40%)
-  Green (27%)
-  Blue (19%)






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



-  Cyan (0%)
-  Magenta (32%)
-  Yellow (53%)
-  Black (60%)



-  Cyan (60%)
-  Magenta (73%)
-  Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 664530 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 664530 by changing the saturation by 10% instead.



 664530

 664530

FFFFFF

 4D2F1B

 9B755E

 351901

 B68F77

 1E0000

 D2A991

 000000

 EFC5AB

 FFE1C7

 FFFDE3

 664530

 664530

 663F26

 664B3A

■ 66391C

■ 665144

■ 663211

■ 66584F

■ 662C07

■ 665E59

■ 662800

■ 666463

■ 666A6D

■ 667177

■ 667782

■ 667D8C

# Harmonies

## Analogous

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



6D403D



664530



594B2A

# Triad

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



664530



1B554B



4D486A

# Complementary

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



664530



305166

# 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.



314E6E



664530



02555C

# Square

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



664530



33543A



115369



61425F

# Rectangle

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



664530



4D4F2B



115369



444A6D



# Sweetspot

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



664530



85786F



663051



423B36



C2C2C2



424242



# Same Dimension

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



664530



855130



666030



33302E



732D00



F25E00



# Inverse Universe

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



305166



306485



303666



2E3133



004673



0094F2



# Previews

## White Background



This preview shows how the Hex color 664530 looks on a white background.

## Color Contrast Check

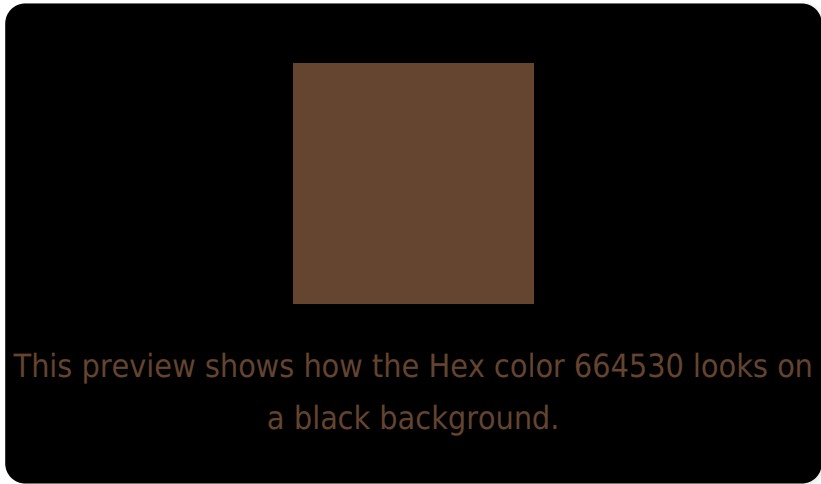
Large Text (above 18pt) WCAG AA ✓ Pass

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

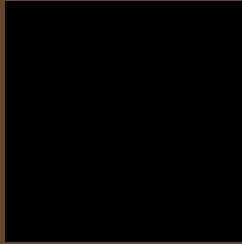
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 664530 Background



This preview shows how black text looks on a background with the Hex color 664530.

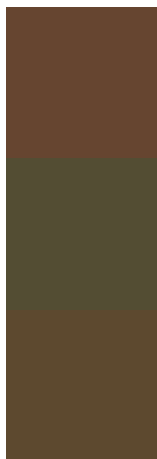


This preview shows how white text looks on a background with the Hex color 664530.

# 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**  
664530

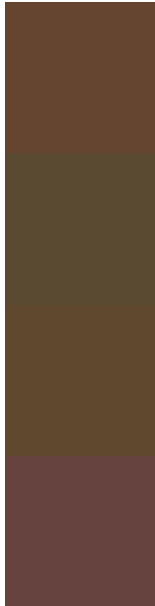
**Protanopia**  
534D33

**Deuteranopia**  
5D492F



**Tritanopia**  
684247

# Trichromacy



**Original Color**  
664530

**Protanomaly**  
5A4A32

**Deuteranomaly**  
60482F

**Tritanomaly**  
67433F

# Monochromacy



**Original Color**  
664530

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
554942

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 664530 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 #664530 looks like.

```
.text, #text, p{  
    color:#664530  
}
```

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 #664530 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #664530
}
```

## Border

The CSS property to change the border of an element to Hex 664530 is called "border". The border property can be set on classes, ids or directly on the HTML element.

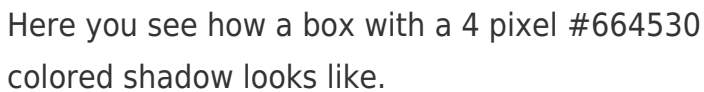
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#664530 }
```

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

```
.border{ border-color:#664530 }
```

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



Here you see how a box with a 4 pixel #664530 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #664530; -webkit-box-shadow:4px 4px  
4px 4px #664530; box-shadow:4px 4px 4px  
4px #664530 }
```

# Background

The CSS property to change the background color of an element to Hex 664530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#664530 }
```

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

```
.background{ background-color:#664530 }
```

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