

# Converting Colors

Hex(664829)

Have a look what the booklet for  
Hex(664829) contains.

<b>Hex(664829)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(664829)**

# Conversions

## Conversions Part 1

Format	Color
Hex	664829
RGB	102, 72, 41
RGB Percent	40%, 28%, 16%
CMY	0.6000, 0.7176, 0.8392
CMYK	0.00, 0.29, 0.60, 0.60
HSL	30°, 43%, 28%
HSV	30°, 60%, 40%
XYZ	8.1971, 7.6196, 3.1365
YIQ	77.4360, 27.8310, -3.2810

# Conversions

## Conversions Part 2

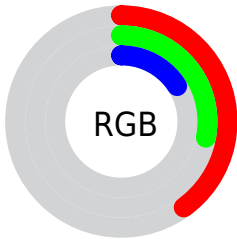
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 102, 41
Decimal	6703145
CIE <sub>Lab</sub>	33.18, 8.93, 23.48
CIE <sub>LCh</sub>	33, 25.122, 69.168
Yxy	7.6196, 0.4325, 0.4020
Android (android.graphics.Color)	4284893225 (0xFF664829)
YUV	77.4360, -17.9629, 21.5426
Hunter-Lab	27.6036, 4.7005, 12.5856

# Details

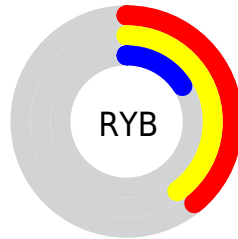
The Hex color **664829** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **294766**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9B7857**, and **351C00** is the 20% darker color. If you saturate the color by 10%, you get **66431F**, and if you desaturate by 10%, it is **664D33**.

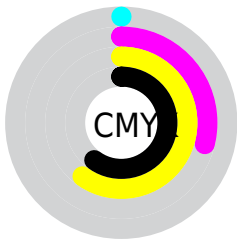
# Distribution



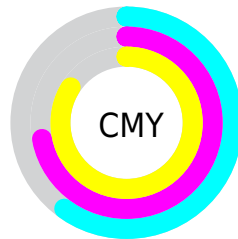
- Red (40%)
- Green (28%)
- Blue (16%)



- Red (39%)
- Yellow (40%)
- Blue (16%)



- Cyan (0%)
- Magenta (29%)
- Yellow (60%)
- Black (60%)



- Cyan (60%)
- Magenta (72%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 664829 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 664829 by changing the saturation by 10% instead.





664829



664829

FFFFFF



4D3214



9B7857



351C00



B79270



1D0400



D3AD89



000000



F0C8A4



FFE4BF



FFFFDB



FFFFF7



664829



664829

■ 66431F

■ 664D33

■ 663E15

■ 66523D

■ 66390A

■ 665748

■ 663400

■ 665C52

■ 66615C

■ 666666

■ 666B70

■ 66707B

■ 667585

# Harmonies

## Analogous

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



714136



664829



554F26

# Triad

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



664829



005854



58476D

# Complementary

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



664829



294766

# 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.



3A4E75



664829



005766

# Square

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



664829



25573F



0A5473



6C405D

# Rectangle

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



664829



47532A



0A5473



4F4971



# Sweetspot

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



664829



85796D



662948



423B34



C2C2C2



424242



# Same Dimension

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



664829



855625



666629



33302E



733A00



F27B00



# Inverse Universe

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



294766



255485



292966



2E3033



003873



0077F2



# Previews

## White Background



This preview shows how the Hex color 664829 looks on a white background.

## Color Contrast Check

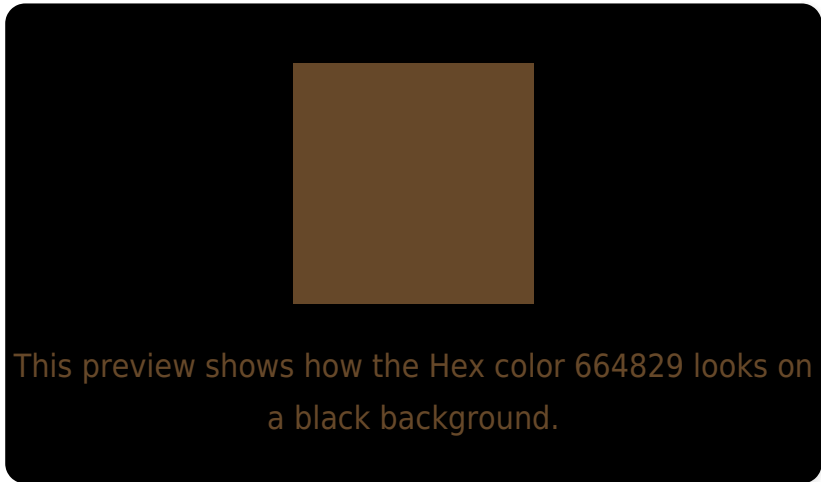
Large Text (above 18pt) WCAG AA ✓ Pass

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

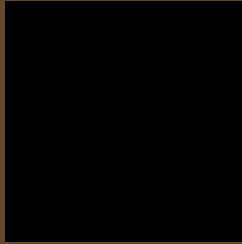
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 664829 Background



This preview shows how black text looks on a background with the Hex color 664829.



This preview shows how white text looks on a background with the Hex color 664829.

# 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**  
664829

**Protanopia**  
564E2B

**Deuteranopia**  
604B28



**Tritanopia**  
684449

# Trichromacy



**Original Color**  
664829

**Protanomaly**  
5C4C2A

**Deuteranomaly**  
624A28

**Tritanomaly**  
67453D

# Monochromacy



**Original Color**  
664829

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
564B40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 664829 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 #664829 looks like.

```
.text, #text, p{  
    color:#664829  
}
```

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 #664829 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #664829
}
```

## Border

The CSS property to change the border of an element to Hex 664829 is called "border". The border property can be set on classes, ids or directly on the HTML element.

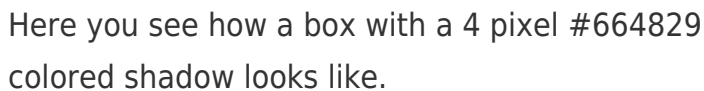
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#664829 }
```

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

```
.border{ border-color:#664829 }
```

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



Here you see how a box with a 4 pixel #664829 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #664829; -webkit-box-shadow:4px 4px  
4px 4px #664829; box-shadow:4px 4px 4px  
4px #664829 }
```

# Background

The CSS property to change the background color of an element to Hex 664829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#664829 }
```

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

```
.background{ background-color:#664829 }
```

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