

# Converting Colors

Hex(644413)

Have a look what the booklet for  
Hex(644413) contains.

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**Color**

**Hex(644413)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	644413
RGB	100, 68, 19
RGB Percent	39%, 27%, 7%
CMY	0.6078, 0.7333, 0.9255
CMYK	0.00, 0.32, 0.81, 0.61
HSL	36°, 68%, 23%
HSV	36°, 81%, 39%
XYZ	7.4402, 6.8906, 1.5540
YIQ	71.9820, 34.8010, -8.4550

# Conversions

## Conversions Part 2

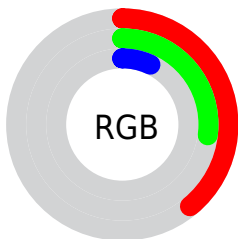
Format	Color
R <sub>Y</sub> B	72, 100, 19
Decimal	6571027
CIE Lab	31.56, 8.90, 33.48
CIE LCh	32, 34.644, 75.110
Yxy	6.8906, 0.4684, 0.4338
Android (android.graphics.Color)	4284761107 (0xFF644413)
YUV	71.9820, -26.1201, 24.5718
Hunter-Lab	26.2499, 4.6561, 14.8650

# Details

The Hex color **644413** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **133364**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **9A7441**, and **311900** is the 20% darker color. If you saturate the color by 10%, you get **644009**, and if you desaturate by 10%, it is **64481D**.

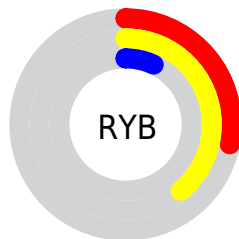
# Distribution



Red (39%)

Green (27%)

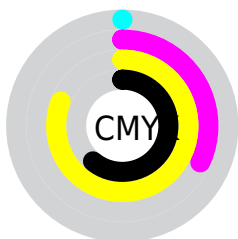
Blue (7%)



Red (28%)

Yellow (39%)

Blue (7%)

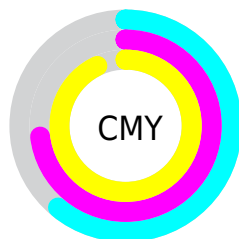


Cyan (0%)

Magenta (32%)

Yellow (81%)

Black (61%)



Cyan (61%)

Magenta (73%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 644413 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 644413 by changing the saturation by 10% instead.



 644413

 644413

 FFFFFB

 4A2E00

 9A7441

 311900

 B68E59

 190000

 D3A873

 000000

 F0C38C

 FFDFA7

 FFFCC3

 FFFFDF

 644413

 644413

■ 644009

■ 64481D

■ 643C00

■ 644C27

■ 645031

■ 64543B

■ 645845

■ 645C4F

■ 646059

■ 646463

■ 64686D

# Harmonies

## Analogous

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



753925



644413



4C4D11

# Triad

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



644413



005758



5D3D71

# Complementary

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



644413



133364

# 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.



31497F



644413



005670

# Square

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



644413



00573B



00517F



753359

# Rectangle

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



644413



38521B



00517F



514177



# Sweetspot

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



644413



827663



641333



423B2F



C2C2C2



424242



# Same Dimension

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



644413



825004



5C6413



33312E



734500



F29300



# Inverse Universe

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



133364



043682



1B1364



2E3033



002D73

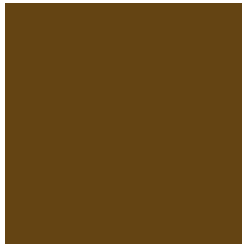


0060F2



# Previews

## White Background



This preview shows how the Hex color 644413 looks on a white background.

## Color Contrast Check

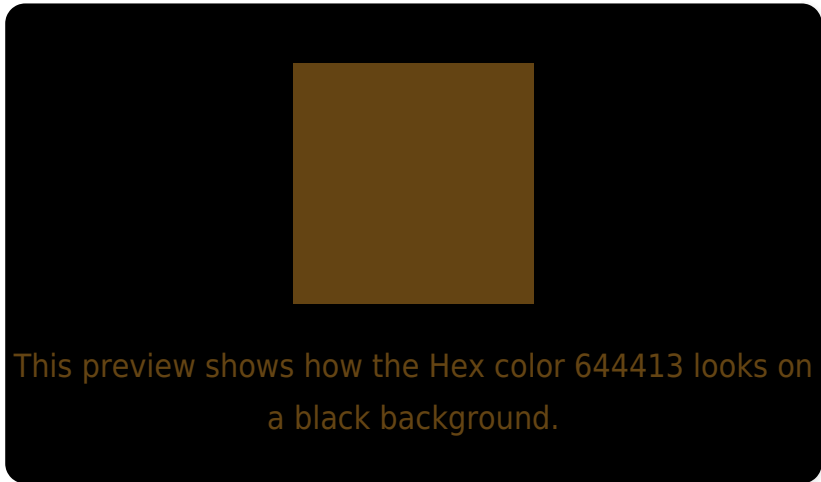
Large Text (above 18pt) WCAG AA ✓ Pass

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

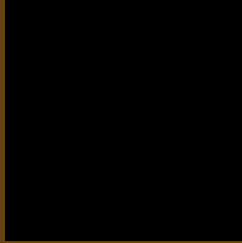
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 644413 Background



This preview shows how black text looks on a background with the Hex color 644413.



This preview shows how white text looks on a background with the Hex color 644413.

# 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**  
644413

**Protanopia**  
544B15

**Deuteranopia**  
5E4712



**Tritanopia**  
673F44

# Trichromacy



**Original Color**  
644413

**Protanomaly**  
5A4814

**Deuteranomaly**  
604612

**Tritanomaly**  
664132

# Monochromacy



**Original Color**  
644413

**Achromatopsia**  
484848

**Achromatomaly**  
524735

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 644413 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 #644413 looks like.

```
.text, #text, p{  
    color:#644413  
}
```

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 #644413 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #644413
}
```

## Border

The CSS property to change the border of an element to Hex 644413 is called "border". The border property can be set on classes, ids or directly on the HTML element.

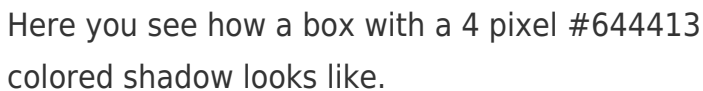
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#644413 }
```

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

```
.border{ border-color:#644413 }
```

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



Here you see how a box with a 4 pixel #644413 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #644413; -webkit-box-shadow:4px 4px  
4px 4px #644413; box-shadow:4px 4px 4px  
4px #644413 }
```

# Background

The CSS property to change the background color of an element to Hex 644413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#644413 }
```

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

```
.background{ background-color:#644413 }
```

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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