

# Converting Colors

Hex(624701)

Have a look what the booklet for  
Hex(624701) contains.

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**Color**

**Hex(624701)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	624701
RGB	98, 71, 1
RGB Percent	38%, 28%, 0%
CMY	0.6157, 0.7216, 0.9961
CMYK	0.00, 0.28, 0.99, 0.62
HSL	43°, 98%, 19%
HSV	43°, 99%, 38%
XYZ	7.2957, 7.1053, 1.0157
YIQ	71.0930, 38.5620, -16.0460

# Conversions

## Conversions Part 2

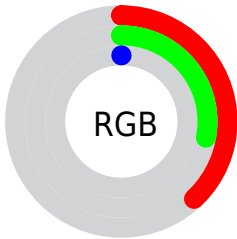
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 98, 1
Decimal	6440705
CIELab	32.05, 5.40, 40.74
CIELCh	32, 41.093, 82.447
Yxy	7.1053, 0.4732, 0.4609
Android (android.graphics.Color)	4284630785 (0xFF624701)
YUV	71.0930, -34.5558, 23.5974
Hunter-Lab	26.6558, 2.2078, 16.4000

# Details

The Hex color **624701** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **011C62**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **987734**, and **2F1C00** is the 20% darker color. If you saturate the color by 10%, you get **624700**, and if you desaturate by 10%, it is **624A0B**.

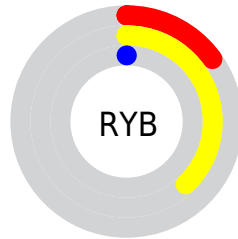
# Distribution



Red (38%)

Green (28%)

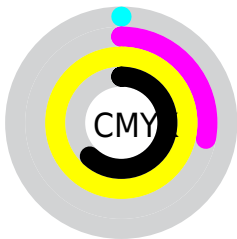
Blue (0%)



Red (15%)

Yellow (38%)

Blue (0%)

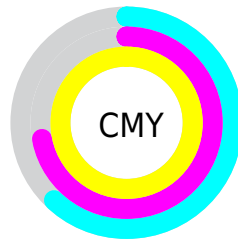


Cyan (0%)

Magenta (28%)

Yellow (99%)

Black (62%)



Cyan (62%)

Magenta (72%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 624701 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 624701 by changing the saturation by 10% instead.



 624701

 624701

 FFFFEE

 483100

 987734

 2F1C00

 B5914D

 160300

 D1AB66

 000000

 EFC67F

 FFE29A

 FFFFB5

 FFFFDD1

 624701

 624701

■ 624700

■ 624A0B

■ 624C15

■ 624F1E

■ 625228

■ 625532

■ 62573C

■ 625A46

■ 625D4F

■ 626059

# Harmonies

## Analogous

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



793A18



624701



445105

# Triad

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



624701



005A63



6A3873

# Complementary

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



624701



011C62

# 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.



3B4687



624701



00587E

# Square

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



624701



005A42



00528C



812C55

# Rectangle

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



624701



2A5517



00528C



5E3D7B



# Sweetspot

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



624701



807559



62011C



403929



BFBFBF



404040



# Same Dimension

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



624701



805C00



4D6201



302F2C



705100



F0AD00



# Inverse Universe

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



011C62



002380



160162



2C2D30



001F70

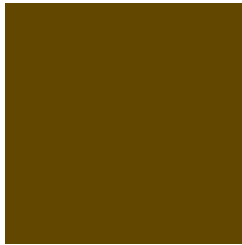


0043F0



# Previews

## White Background



This preview shows how the Hex color 624701 looks on a white background.

## Color Contrast Check

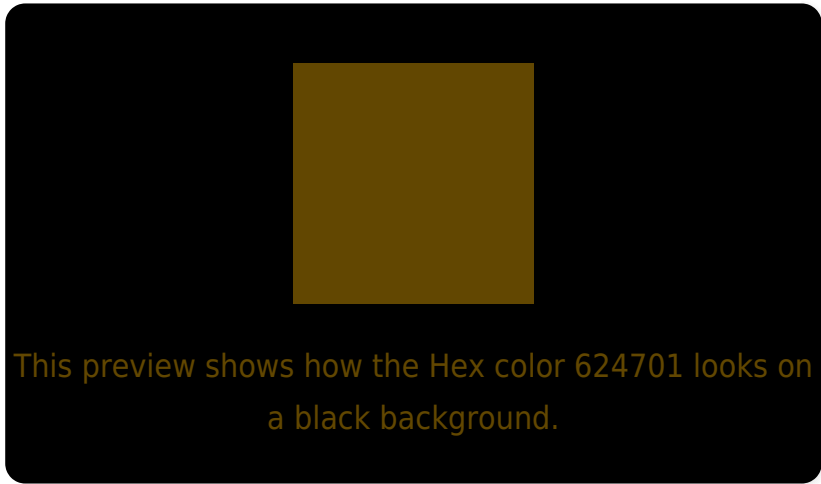
Large Text (above 18pt) WCAG AA ✓ Pass

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 624701 Background



This preview shows how black text looks on a background with the Hex color 624701.



This preview shows how white text looks on a background with the Hex color 624701.

# 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**  
624701

**Protanopia**  
564C06

**Deuteranopia**  
604800



**Tritanopia**  
654247

# Trichromacy



**Original Color**  
624701

**Protanomaly**  
5A4A04

**Deuteranomaly**  
614800

**Tritanomaly**  
64442E

# Monochromacy



**Original Color**  
624701

**Achromatopsia**  
474747

**Achromatomaly**  
51472E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 624701 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 #624701 looks like.

```
.text, #text, p{  
    color:#624701  
}
```

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 #624701 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #624701
}
```

## Border

The CSS property to change the border of an element to Hex 624701 is called "border". The border property can be set on classes, ids or directly on the HTML element.

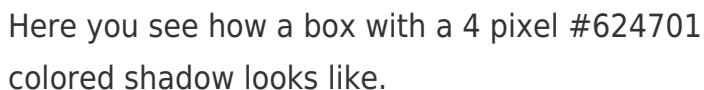
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#624701 }
```

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

```
.border{ border-color:#624701 }
```

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



Here you see how a box with a 4 pixel #624701 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #624701; -webkit-box-shadow:4px 4px  
4px 4px #624701; box-shadow:4px 4px 4px  
4px #624701 }
```

# Background

The CSS property to change the background color of an element to Hex 624701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#624701 }
```

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

```
.background{ background-color:#624701 }
```

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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