

# Converting Colors

Hex(624604)

Have a look what the booklet for  
Hex(624604) contains.

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**Color**

**Hex(624604)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	624604
RGB	98, 70, 4
RGB Percent	38%, 27%, 2%
CMY	0.6157, 0.7255, 0.9843
CMYK	0.00, 0.29, 0.96, 0.62
HSL	42°, 92%, 20%
HSV	42°, 96%, 38%
XYZ	7.2491, 6.9858, 1.0812
YIQ	70.8480, 37.8740, -14.5900

# Conversions

## Conversions Part 2

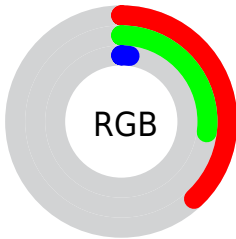
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 98, 4
Decimal	6440452
CIELab	31.77, 6.12, 39.38
CIELCh	32, 39.854, 81.173
Yxy	6.9858, 0.4733, 0.4561
Android (android.graphics.Color)	4284630532 (0xFF624604)
YUV	70.8480, -32.9561, 23.8123
Hunter-Lab	26.4306, 2.7034, 16.0761

# Details

The Hex color **624604** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **042062**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **987636**, and **2F1B00** is the 20% darker color. If you saturate the color by 10%, you get **624500**, and if you desaturate by 10%, it is **62490E**.

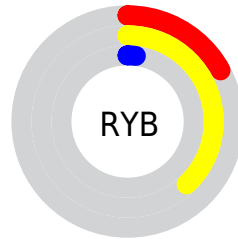
# Distribution



Red (38%)

Green (27%)

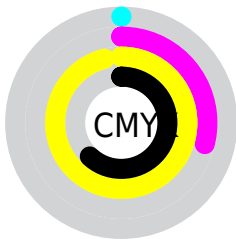
Blue (2%)



Red (17%)

Yellow (38%)

Blue (2%)

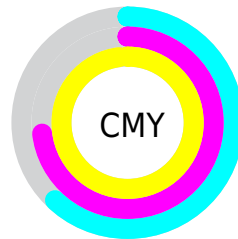


Cyan (0%)

Magenta (29%)

Yellow (96%)

Black (62%)



Cyan (62%)

Magenta (73%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 624604 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 624604 by changing the saturation by 10% instead.



 624604

 624604

 FFFFF0

 493000

 987636

 2F1B00

 B4904F

 160100

 D1AA68

 000000

 EEC581

 FFE19C

 FFFE87

 FFFFD3

 624604

 624604

■ 624500

■ 62490E

■ 624C18

■ 624F21

■ 62522B

■ 625535

■ 62583F

■ 625A49

■ 625D52

■ 62605C

# Harmonies

## Analogous

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



78391A



624604



455007

# Triad

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



624604



005960



673872

# Complementary

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



624604



042062

# 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.



394685



624604



00577B

# Square

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



624604



005940



005189



7E2D55

# Rectangle

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



624604



2D5418



005189



5B3D7A



# Sweetspot

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



624604



80745B



620420



403929



BFBFBF



404040



# Same Dimension

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



624604



805A00



4F6204



302F2C



704F00



F0A800



# Inverse Universe

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



042062



002680



170462



2C2D30



002170

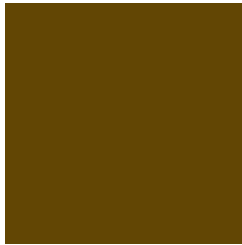


0047F0



# Previews

## White Background



This preview shows how the Hex color 624604 looks on a white background.

## Color Contrast Check

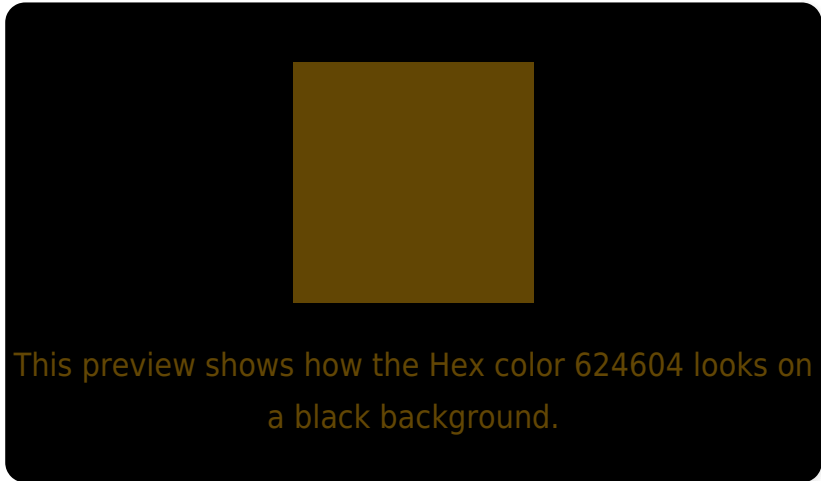
Large Text (above 18pt) WCAG AA ✓ Pass

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 624604 Background



This preview shows how black text looks on a background with the Hex color 624604.



This preview shows how white text looks on a background with the Hex color 624604.

# 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**  
624604

**Protanopia**  
554B07

**Deuteranopia**  
5F4700



**Tritanopia**  
654146

# Trichromacy



**Original Color**  
624604

**Protanomaly**  
5A4906

**Deuteranomaly**  
604701

**Tritanomaly**  
64432E

# Monochromacy



**Original Color**  
624604

**Achromatopsia**  
474747

**Achromatomaly**  
51472F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 624604 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 #624604 looks like.

```
.text, #text, p{  
    color:#624604  
}
```

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 #624604 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #624604
}
```

## Border

The CSS property to change the border of an element to Hex 624604 is called "border". The border property can be set on classes, ids or directly on the HTML element.

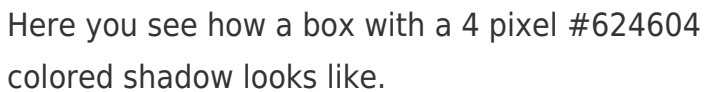
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#624604 }
```

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

```
.border{ border-color:#624604 }
```

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



Here you see how a box with a 4 pixel #624604 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #624604; -webkit-box-shadow:4px 4px  
4px 4px #624604; box-shadow:4px 4px 4px  
4px #624604 }
```

# Background

The CSS property to change the background color of an element to Hex 624604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#624604 }
```

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

```
.background{ background-color:#624604 }
```

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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