

# Converting Colors

Hex(624046)

Have a look what the booklet for  
Hex(624046) contains.

<b>Hex(624046)</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(624046)**

# Conversions

## Conversions Part 1

Format	Color
Hex	624046
RGB	98, 64, 70
RGB Percent	38%, 25%, 27%
CMY	0.6157, 0.7490, 0.7255
CMYK	0.00, 0.35, 0.29, 0.62
HSL	349°, 21%, 32%
HSV	349°, 35%, 38%
XYZ	7.9759, 6.7057, 6.6683
YIQ	74.8500, 18.3380, 9.0740

# Conversions

## Conversions Part 2

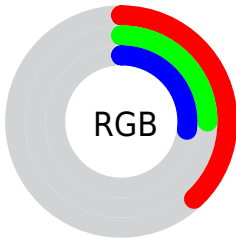
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 64, 70
Decimal	6438982
CIELab	31.13, 15.77, 2.42
CIELCh	31, 15.952, 8.724
Yxy	6.7057, 0.3736, 0.3141
Android (android.graphics.Color)	4284629062 (0xFF624046)
YUV	74.8500, -2.3911, 20.3025
Hunter-Lab	25.8953, 9.6622, 2.8589

# Details

The Hex color **624046** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **40625C**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **967076**, and **32151B** is the 20% darker color. If you saturate the color by 10%, you get **62363E**, and if you desaturate by 10%, it is **624A4E**.

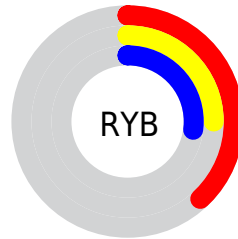
# Distribution



Red (38%)

Green (25%)

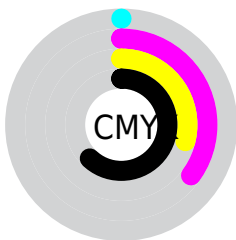
Blue (27%)



Red (38%)

Yellow (25%)

Blue (27%)

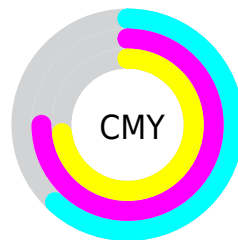


Cyan (0%)

Magenta (35%)

Yellow (29%)

Black (62%)



Cyan (62%)

Magenta (75%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 624046 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 624046 by changing the saturation by 10% instead.



 624046

 624046

FFFFFF

 4A2A30

 967076

 32151B

 B18A90

 200000

 CCA4AA

 000000

 E9BFC6

 FFD8E2

 FFF8FE

 624046

 624046

 62363E

 624A4E

622C36

625456

62232E

625D5E

621926

626766

620F1E

62716E

620516

627B76

620011

62857E

628E87

62988F

# Harmonies

## Analogous

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



5C4153



624046



61423A

# Triad

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



624046



414D35



2D4D60

# Complementary

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



624046



40625C

# 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.



224F58



624046



324F40

# Square

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



624046



4E4A31



26504D



3F4962

# Rectangle

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



624046



5D4434



26504D



284E5E



# Sweetspot

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



624046



807375



5C4062



403839



BFBFBF



404040



# Same Dimension

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



624046



804A53



624B40



302C2C



700014



F0002A



# Inverse Universe

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



624046



804A53



405762



302C2C



700014

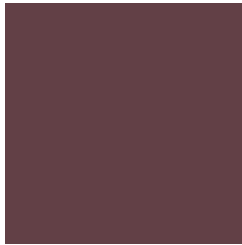


F0002A



# Previews

## White Background



This preview shows how the Hex color 624046 looks on a white background.

## Color Contrast Check

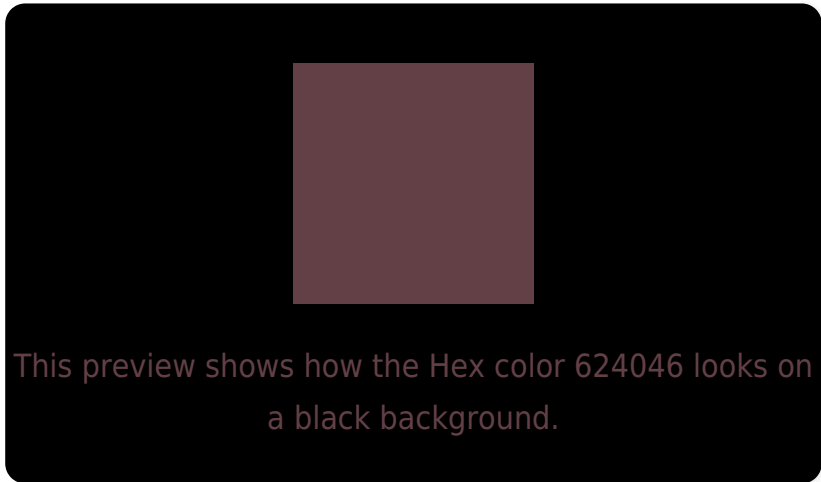
Large Text (above 18pt) WCAG AA ✓ Pass

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

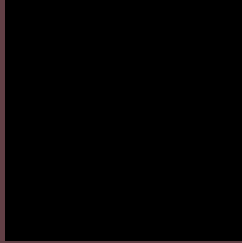
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 624046 Background



This preview shows how black text looks on a background with the Hex color 624046.



This preview shows how white text looks on a background with the Hex color 624046.

# 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**  
624046

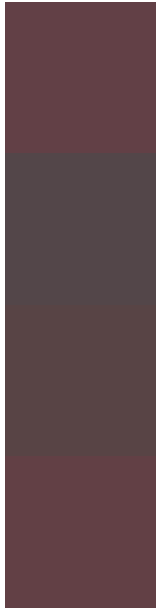
**Protanopia**  
4A494B

**Deuteranopia**  
524745



**Tritanopia**  
624045

# Trichromacy



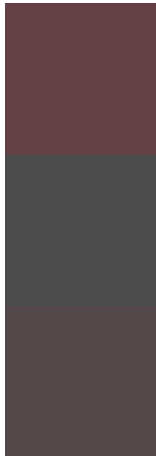
**Original Color**  
624046

**Protanomaly**  
534649

**Deuteranomaly**  
584445

**Tritanomaly**  
624045

# Monochromacy



**Original Color**  
624046

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
534749

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 624046 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 #624046 looks like.

```
.text, #text, p{  
    color:#624046  
}
```

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 #624046 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #624046
}
```

## Border

The CSS property to change the border of an element to Hex 624046 is called "border". The border property can be set on classes, ids or directly on the HTML element.

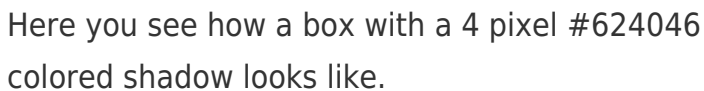
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#624046 }
```

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

```
.border{ border-color:#624046 }
```

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



Here you see how a box with a 4 pixel #624046 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #624046; -webkit-box-shadow:4px 4px  
4px 4px #624046; box-shadow:4px 4px 4px  
4px #624046 }
```

# Background

The CSS property to change the background color of an element to Hex 624046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#624046 }
```

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

```
.background{ background-color:#624046 }
```

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