

# Converting Colors

Hex(624A4D)

Have a look what the booklet for  
Hex(624A4D) contains.

<b>Hex(624A4D)</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(624A4D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	624A4D
RGB	98, 74, 77
RGB Percent	38%, 29%, 30%
CMY	0.6157, 0.7098, 0.6980
CMYK	0.00, 0.24, 0.21, 0.62
HSL	352°, 14%, 34%
HSV	352°, 24%, 38%
XYZ	8.8253, 8.0301, 8.1060
YIQ	81.5180, 13.3410, 6.0210

# Conversions

## Conversions Part 2

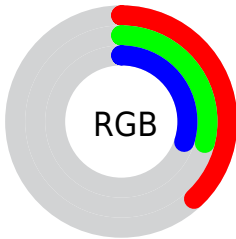
Format	Color
<a href="#">RYB</a>	<a href="#">98, 74, 77</a>
Decimal	<a href="#">6441549</a>
CIELab	<a href="#">34.05, 10.70, 2.15</a>
CIElCh	<a href="#">34, 10.914, 11.360</a>
Yxy	<a href="#">8.0301, 0.3536, 0.3217</a>
Android (android.graphics.Color)	<a href="#">4284631629 (0xFF624A4D)</a>
YUV	<a href="#">81.5180, -2.2274, 14.4547</a>
Hunter-Lab	<a href="#">28.3373, 6.0014, 2.8760</a>

# Details

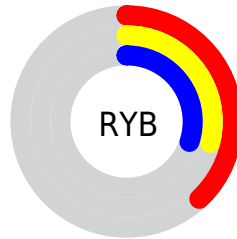
The Hex color **624A4D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4A625F**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **957B7E**, and **331E21** is the 20% darker color. If you saturate the color by 10%, you get **624044**, and if you desaturate by 10%, it is **625456**.

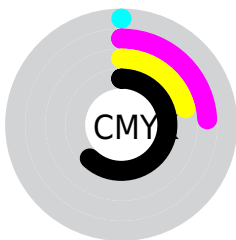
# Distribution



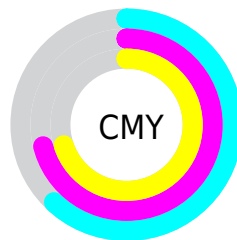
- Red (38%)
- Green (29%)
- Blue (30%)



- Red (38%)
- Yellow (29%)
- Blue (30%)



- Cyan (0%)
- Magenta (24%)
- Yellow (21%)
- Black (62%)



- Cyan (62%)
- Magenta (71%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 624A4D 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 624A4D by changing the saturation by 10% instead.



 624A4D


 624A4D

FFFFFF

 4A3336

 957B7E

 331E21

 B09598

 1F060A

 CCAF2

 000000

 E8CBCE

 FFE7EA

 624A4D

 624A4D

 624044

 625456

 62363C

 625E5E

622D33

626767

62232B

62716F

621922

627B78

620F1A

628580

620511

628F89

62000C

629892

62A29A

# Harmonies

## Analogous

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



5E4B56



624A4D



614B45

# Triad

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



624A4D



4A5343



405260

# Complementary

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



624A4D



4A625F

# 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.



39545B



624A4D



40554A

# Square

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



624A4D



53513F



3A5553



4B5061

# Rectangle

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



624A4D



5E4D41



3A5553



3D535F



# Sweetspot

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



624A4D



807778



5F4A62



403B3B



BFBFBF



404040



# Same Dimension

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



624A4D



805B5F



62534A



302C2C



70000E



F0001E



# Inverse Universe

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



624A4D



805B5F



4A5962



302C2C



70000E



F0001E



# Previews

## White Background



This preview shows how the Hex color 624A4D looks on a white background.

## Color Contrast Check

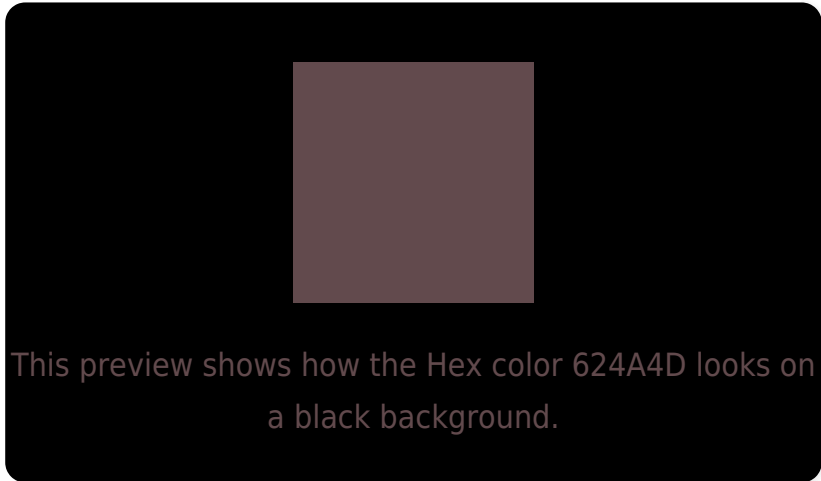
Large Text (above 18pt) WCAG AA ✓ Pass

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

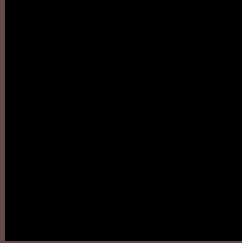
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 624A4D Background



This preview shows how black text looks on a background with the Hex color 624A4D.

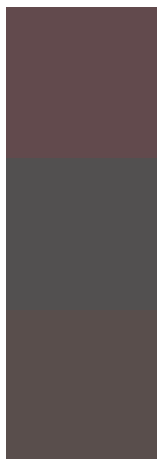


This preview shows how white text looks on a background with the Hex color 624A4D.

# 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**  
624A4D

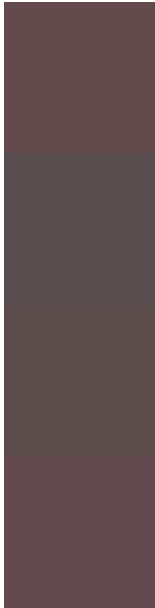
**Protanopia**  
525050

**Deuteranopia**  
594E4C



**Tritanopia**  
624A4F

# Trichromacy



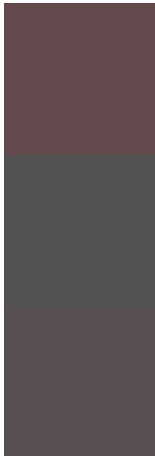
**Original Color**  
624A4D

**Protanomaly**  
584E4F

**Deuteranomaly**  
5C4D4C

**Tritanomaly**  
624A4E

# Monochromacy



**Original Color**  
624A4D

**Achromatopsia**  
525252

**Achromatomaly**  
584F50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 624A4D 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 #624A4D looks like.

```
.text, #text, p{  
    color:#624A4D  
}
```

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 #624A4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #624A4D
}
```

## Border

The CSS property to change the border of an element to Hex 624A4D is called "border". The border property can be set on classes, ids or directly on the HTML element.

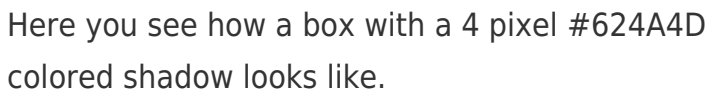
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#624A4D }
```

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

```
.border{ border-color:#624A4D }
```

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



Here you see how a box with a 4 pixel #624A4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #624A4D; -webkit-box-shadow:4px 4px  
4px 4px #624A4D; box-shadow:4px 4px 4px  
4px #624A4D }
```

# Background

The CSS property to change the background color of an element to Hex 624A4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#624A4D }
```

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

```
.background{ background-color:#624A4D }
```

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