

# Converting Colors

Hex(614D2A)

Have a look what the booklet for  
Hex(614D2A) contains.

<b>Hex(614D2A)</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(614D2A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	614D2A
RGB	97, 77, 42
RGB Percent	38%, 30%, 16%
CMY	0.6196, 0.6980, 0.8353
CMYK	0.00, 0.21, 0.57, 0.62
HSL	38°, 40%, 27%
HSV	38°, 57%, 38%
XYZ	8.0016, 8.0163, 3.3161
YIQ	78.9900, 23.1550, -6.6450

# Conversions

## Conversions Part 2

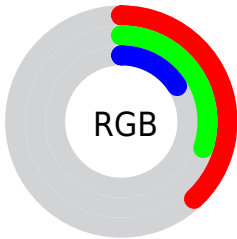
Format	Color
<b>RYB</b>	73, 97, 42
Decimal	6376746
CIELab	34.02, 3.55, 23.78
CIElCh	34, 24.042, 81.516
Yxy	8.0163, 0.4139, 0.4146
Android (android.graphics.Color)	4284566826 (0xFF614D2A)
YUV	78.9900, -18.2361, 15.7948
Hunter-Lab	28.3131, 0.8980, 12.8750

# Details

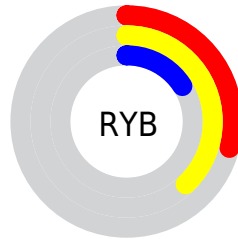
The Hex color **614D2A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2A3E61**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **957E58**, and **312100** is the 20% darker color. If you saturate the color by 10%, you get **614920**, and if you desaturate by 10%, it is **615134**.

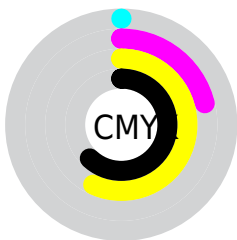
# Distribution



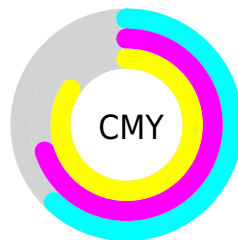
- Red (38%)
- Green (30%)
- Blue (16%)



- Red (29%)
- Yellow (38%)
- Blue (16%)



- Cyan (0%)
- Magenta (21%)
- Yellow (57%)
- Black (62%)



- Cyan (62%)
- Magenta (70%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 614D2A 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 614D2A by changing the saturation by 10% instead.



 614D2A

 614D2A

FFFFFF

 483614

 957E58

 312100

 B19871

 190B00

 CCB28B

 000000

 E9CEA5

 FFEAC0

 FFFFDC

 FFFFF9

 614D2A

 614D2A

■ 614920

■ 615134

■ 614617

■ 61543D

■ 61420D

■ 615847

■ 613F03

■ 615B51

■ 613E00

■ 615F5B

■ 616264

■ 61666E

■ 616978

■ 616D81

# Harmonies

## Analogous

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



6F4633



614D2A



4E532C

# Triad

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



614D2A



005A5D



634668

# Complementary

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



614D2A



2A3E61

# 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.



4A4D73



614D2A



00586D

# Square

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



614D2A



1D5A4A



285475



714156

# Rectangle

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



614D2A



405633



285475



5B486D

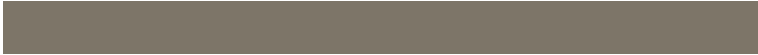


# Sweetspot

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



614D2A



7D7568



612A3E



403B33



BFBFBF



404040



# Same Dimension

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



614D2A



7D5E28



5A612A



302F2C



704700



F09900



# Inverse Universe

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



2A3E61



28477D



312A61



2C2D30



002970



0057F0



# Previews

## White Background



This preview shows how the Hex color 614D2A looks on a white background.

## Color Contrast Check

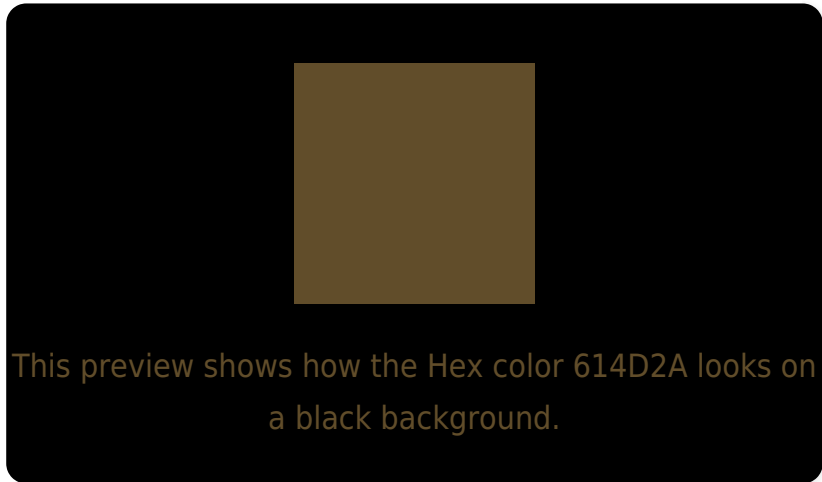
Large Text (above 18pt) WCAG AA ✓ Pass

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

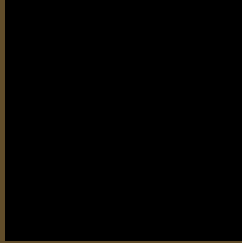
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 614D2A Background



This preview shows how black text looks on a background with the Hex color 614D2A.



This preview shows how white text looks on a background with the Hex color 614D2A.

# 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**


614D2A

**Protanopia**

58502B

**Deuteranopia**

624C2A



**Tritanopia**  
64494E

# Trichromacy



**Original Color**  
614D2A

**Protanomaly**  
5B4F2B

**Deuteranomaly**  
624C2A

**Tritanomaly**  
634A41

# Monochromacy



**Original Color**  
614D2A

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
564E42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 614D2A 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 #614D2A looks like.

```
.text, #text, p{  
    color:#614D2A  
}
```

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 #614D2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #614D2A
}
```

## Border

The CSS property to change the border of an element to Hex 614D2A 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".

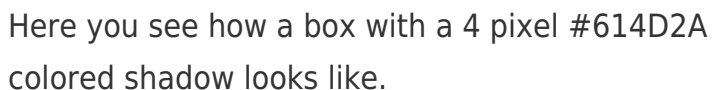
```
.border, #border, table{ border:4px solid
#614D2A }
```

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

```
.border{ border-color:#614D2A }
```

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

Here you see how a box with a 4 pixel #614D2A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #614D2A; -webkit-box-shadow:4px 4px  
4px 4px #614D2A; box-shadow:4px 4px 4px  
4px #614D2A }
```

# Background

The CSS property to change the background color of an element to Hex 614D2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#614D2A }
```

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

```
.background{ background-color:#614D2A }
```

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