

# Converting Colors

Hex(613726)

Have a look what the booklet for  
Hex(613726) contains.

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**Color**

**Hex(613726)**

# Conversions

## Conversions Part 1

Format	Color
Hex	613726
RGB	97, 55, 38
RGB Percent	38%, 22%, 15%
CMY	0.6196, 0.7843, 0.8510
CMYK	0.00, 0.43, 0.61, 0.62
HSL	17°, 44%, 26%
HSV	17°, 61%, 38%
XYZ	6.6458, 5.4137, 2.5284
YIQ	65.6200, 30.4890, 3.6170

# Conversions

## Conversions Part 2

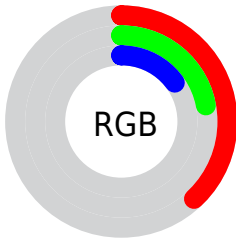
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 62, 38
Decimal	6371110
CIELab	27.88, 16.84, 18.60
CIElCh	28, 25.090, 47.845
Yxy	5.4137, 0.4556, 0.3711
Android (android.graphics.Color)	4284561190 (0xFF613726)
YUV	65.6200, -13.6167, 27.5203
Hunter-Lab	23.2674, 10.2666, 9.8443

# Details

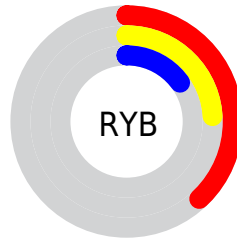
The Hex color **613726** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **265061**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **966653**, and **2F0C00** is the 20% darker color. If you saturate the color by 10%, you get **61301C**, and if you desaturate by 10%, it is **613E30**.

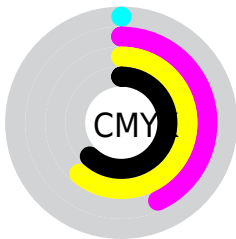
# Distribution



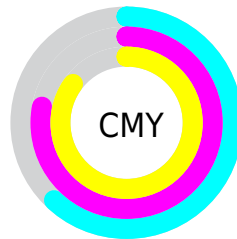
- Red (38%)
- Green (22%)
- Blue (15%)



- Red (38%)
- Yellow (24%)
- Blue (15%)



- Cyan (0%)
- Magenta (43%)
- Yellow (61%)
- Black (62%)




- Cyan (62%)
- Magenta (78%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 613726 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 613726 by changing the saturation by 10% instead.



 613726

 613726

FFFFFF

 482111

 966653

 2F0C00

 B2806B

 120000

 CE9A85

 000000

 EBB59F

 FFD0BA

 FFECD6

 FFFFF2

 613726

 613726

■ 61301C

■ 613E30

■ 612913

■ 614539

■ 612209

■ 614C43

■ 611C00

■ 61534D

■ 615A57

■ 616060

■ 61676A

■ 616E74

■ 61757D

# Harmonies

## Analogous

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



663237



613726



543E1C

# Triad

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



613726



0A4B39



374066

# Complementary

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



613726



265061

# 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.



064667



613726



004C4D

# Square

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



613726



2C4927



004A5E



52385C

# Rectangle

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



613726



49421A



004A5E



2B4268



# Sweetspot

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



613726



7D6D66



612650



403632



BFBFBF



404040



# Same Dimension

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



613726



7D3C22



615426



302D2C



702000



F04500



# Inverse Universe

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



265061



22637D



263361



2C2F30



005070



00ABF0



# Previews

## White Background



This preview shows how the Hex color 613726 looks on a white background.

## Color Contrast Check

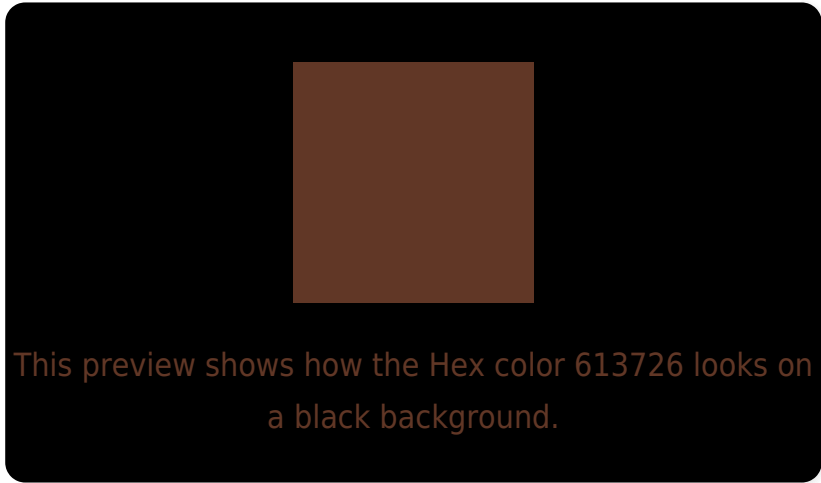
Large Text (above 18pt) WCAG AA ✓ Pass

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

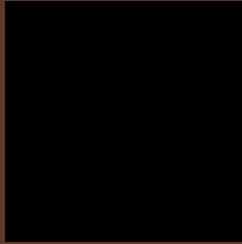
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 613726 Background



This preview shows how black text looks on a background with the Hex color 613726.

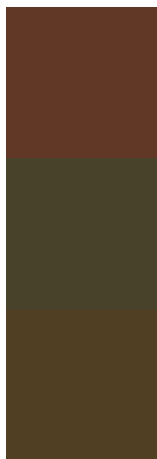


This preview shows how white text looks on a background with the Hex color 613726.

# 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**  
613726

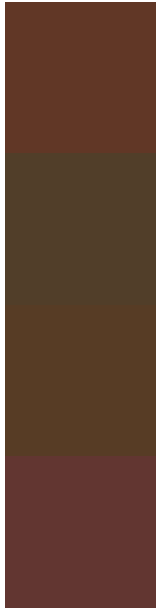
**Protanopia**  
48422A

**Deuteranopia**  
513F24



**Tritanopia**  
623538

# Trichromacy



**Original Color**  
613726

**Protanomaly**  
513E29

**Deuteranomaly**  
573C25

**Tritanomaly**  
623631

# Monochromacy



**Original Color**  
613726

**Achromatopsia**  
424242

**Achromatomaly**  
4D3E38

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 613726 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 #613726 looks like.

```
.text, #text, p{  
    color:#613726  
}
```

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 #613726 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #613726
}
```

## Border

The CSS property to change the border of an element to Hex 613726 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".

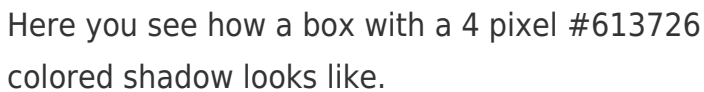
```
.border, #border, table{ border:4px solid
#613726 }
```

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

```
.border{ border-color:#613726 }
```

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

Here you see how a box with a 4 pixel #613726 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #613726; -webkit-box-shadow:4px 4px  
4px 4px #613726; box-shadow:4px 4px 4px  
4px #613726 }
```

# Background

The CSS property to change the background color of an element to Hex 613726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#613726 }
```

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

```
.background{ background-color:#613726 }
```

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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