

# Converting Colors

Hex(614817)

Have a look what the booklet for  
Hex(614817) contains.

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**Color**

**Hex(614817)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	614817
RGB	97, 72, 23
RGB Percent	38%, 28%, 9%
CMY	0.6196, 0.7176, 0.9098
CMYK	0.00, 0.26, 0.76, 0.62
HSL	40°, 62%, 24%
HSV	40°, 76%, 38%
XYZ	7.4018, 7.2380, 1.8176
YIQ	73.8890, 30.6290, -9.9390

# Conversions

## Conversions Part 2

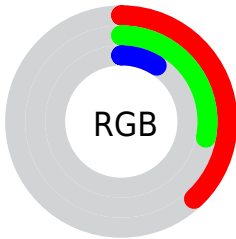
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 97, 23
Decimal	6375447
CIELab	32.34, 5.15, 32.24
CIELCh	32, 32.643, 80.931
Yxy	7.2380, 0.4498, 0.4398
Android (android.graphics.Color)	4284565527 (0xFF614817)
YUV	73.8890, -25.0883, 20.2683
Hunter-Lab	26.9035, 2.0284, 14.8269

# Details

The Hex color **614817** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **173061**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **967845**, and **2F1D00** is the 20% darker color. If you saturate the color by 10%, you get **61450D**, and if you desaturate by 10%, it is **614B21**.

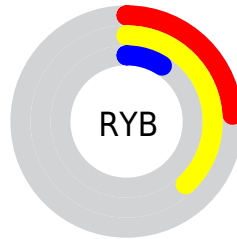
# Distribution



Red (38%)

Green (28%)

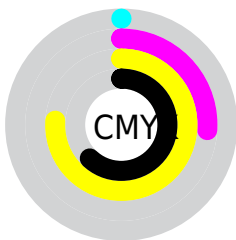
Blue (9%)



Red (24%)

Yellow (38%)

Blue (9%)

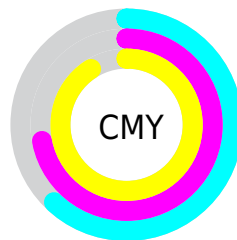


Cyan (0%)

Magenta (26%)

Yellow (76%)

Black (62%)



Cyan (62%)

Magenta (72%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 614817 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 614817 by changing the saturation by 10% instead.



 614817

 614817

FFFFFF

 483200

 967845

 2F1D00

 B2925D

 160400

 CEAC77

 000000

 EBC891

 FFE4AB

 FFFFC7

 FFFF E3

 614817

 614817

■ 61450D

■ 614B21

■ 614104

■ 614F2A

■ 614000

■ 615234

■ 61553E

■ 615848

■ 615C51

■ 615F5B

■ 616265

■ 61656E

# Harmonies

## Analogous

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



733E25



614817



495019

# Triad

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



614817



00595E



643E6D

# Complementary

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



614817



173061

# 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.



40487C



614817



005773

# Square

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



614817



005843



00517F



773655

# Rectangle

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



614817



355423



00517F



5A4173



# Sweetspot

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



614817



7D7360



611731



403A2E



BFBFBF



404040



# Same Dimension

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



614817



7D560A



566117



302F2C



704A00



F09F00



# Inverse Universe

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



173061



0A317D



221761



2C2D30



002670

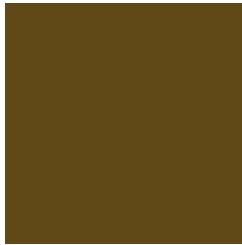


0051F0



# Previews

## White Background



This preview shows how the Hex color 614817 looks on a white background.

## Color Contrast Check

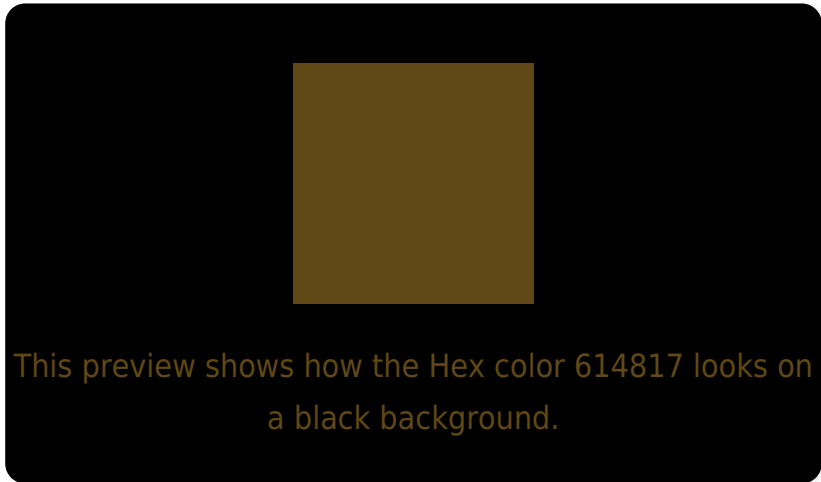
Large Text (above 18pt) WCAG AA ✓ Pass

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

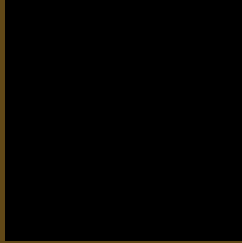
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 614817 Background



This preview shows how black text looks on a background with the Hex color 614817.



This preview shows how white text looks on a background with the Hex color 614817.

# 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**  
614817

**Protanopia**  
564D18

**Deuteranopia**  
604917



**Tritanopia**  
644348

# Trichromacy



**Original Color**  
614817

**Protanomaly**  
5A4B18

**Deuteranomaly**  
604917

**Tritanomaly**  
634536

# Monochromacy



**Original Color**  
614817

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
524937

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 614817 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 #614817 looks like.

```
.text, #text, p{  
    color:#614817  
}
```

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 #614817 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #614817  
}
```

## Border

The CSS property to change the border of an element to Hex 614817 is called "border". The border property can be set on classes, ids or directly on the HTML element.

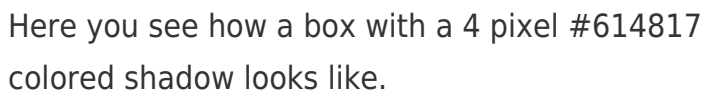
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#614817 }
```

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

```
.border{ border-color:#614817 }
```

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



Here you see how a box with a 4 pixel #614817 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #614817; -webkit-box-shadow:4px 4px  
4px 4px #614817; box-shadow:4px 4px 4px  
4px #614817 }
```

# Background

The CSS property to change the background color of an element to Hex 614817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#614817 }
```

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

```
.background{ background-color:#614817 }
```

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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