

# Converting Colors

Hex(634B1A)

Have a look what the booklet for  
Hex(634B1A) contains.

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**Color**

**Hex(634B1A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	634B1A
RGB	99, 75, 26
RGB Percent	39%, 29%, 10%
CMY	0.6118, 0.7059, 0.8980
CMYK	0.00, 0.24, 0.74, 0.61
HSL	40°, 58%, 25%
HSV	40°, 74%, 39%
XYZ	7.8481, 7.7594, 2.0614
YIQ	76.5900, 30.0330, -10.1510

# Conversions

## Conversions Part 2

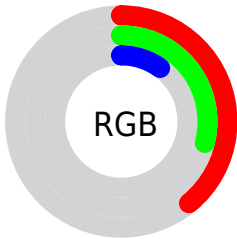
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 99, 26
Decimal	6507290
CIELab	33.48, 4.47, 32.00
CIELCh	33, 32.311, 82.056
Yxy	7.7594, 0.4442, 0.4392
Android (android.graphics.Color)	4284697370 (0xFF634B1A)
YUV	76.5900, -24.9409, 19.6536
Hunter-Lab	27.8557, 1.5436, 15.1114

# Details

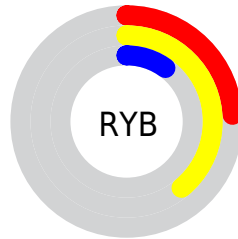
The Hex color **634B1A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1A3263**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **987C48**, and **311F00** is the 20% darker color. If you saturate the color by 10%, you get **634810**, and if you desaturate by 10%, it is **634E24**.

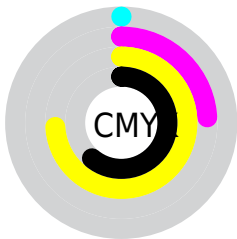
# Distribution



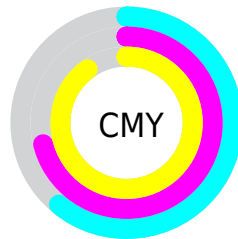
- Red (39%)
- Green (29%)
- Blue (10%)



- Red (24%)
- Yellow (39%)
- Blue (10%)



- Cyan (0%)
- Magenta (24%)
- Yellow (74%)
- Black (61%)



- Cyan (61%)
- Magenta (71%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 634B1A 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 634B1A by changing the saturation by 10% instead.



 634B1A

 634B1A

FFFFFF

 4A3402

 987C48

 311F00

 B49561

 190900

 D0B07A

 000000

 EDCB94

 FFE7AF

 FFFFCB

 FFFFE7

 634B1A

 634B1A

■ 634810

■ 634E24

■ 634406

■ 63522E

■ 634200

■ 635538

■ 635842

■ 635B4C

■ 635F55

■ 63625F

■ 636569

■ 636873

# Harmonies

## Analogous

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



754127



634B1A



4B531D

# Triad

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



634B1A



005B61



68406E

# Complementary

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



634B1A



1A3263

# 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.



454B7E



634B1A



005977

# Square

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



634B1A



005B47



005481



7A3957

# Rectangle

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



634B1A



375727



005481



5E4475



# Sweetspot

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



634B1A



807663



631A32



403A2F



BFBFBF



404040



# Same Dimension

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



634B1A



805B0F



57631A



302F2C



704B00



F0A100



# Inverse Universe

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



1A3263



0F3480



261A63



2C2D30



002570



004FF0



# Previews

## White Background



This preview shows how the Hex color 634B1A looks on a white background.

## Color Contrast Check

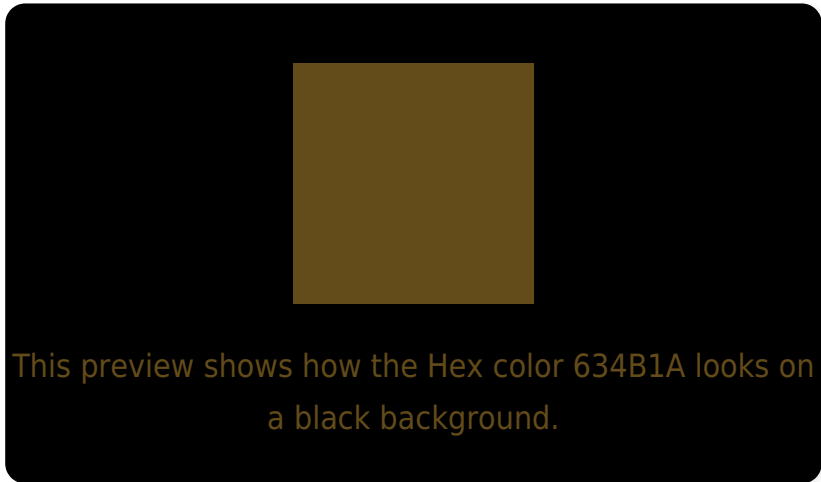
Large Text (above 18pt) WCAG AA ✓ Pass

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

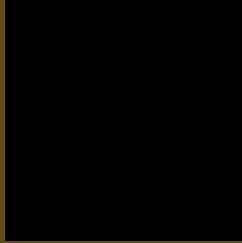
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 634B1A Background



This preview shows how black text looks on a background with the Hex color 634B1A.



This preview shows how white text looks on a background with the Hex color 634B1A.

# 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**  
634B1A

**Protanopia**  
584F1B

**Deuteranopia**  
634B1A



**Tritanopia**  
66464C

# Trichromacy



**Original Color**  
634B1A

**Protanomaly**  
5C4E1B

**Deuteranomaly**  
634B1A

**Tritanomaly**  
65483A

# Monochromacy



**Original Color**  
634B1A

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
554C3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 634B1A 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 #634B1A looks like.

```
.text, #text, p{  
    color:#634B1A  
}
```

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 #634B1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #634B1A
}
```

## Border

The CSS property to change the border of an element to Hex 634B1A 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
#634B1A }
```

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

```
.border{ border-color:#634B1A }
```

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

Here you see how a box with a 4 pixel #634B1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #634B1A; -webkit-box-shadow:4px 4px  
4px 4px #634B1A; box-shadow:4px 4px 4px  
4px #634B1A }
```

# Background

The CSS property to change the background color of an element to Hex 634B1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#634B1A }
```

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

```
.background{ background-color:#634B1A }
```

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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