

# Converting Colors

Hex(634A4F)

Have a look what the booklet for  
Hex(634A4F) contains.

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# Color

Hex(634A4F)

# Conversions

## Conversions Part 1

Format	Color
Hex	634A4F
RGB	99, 74, 79
RGB Percent	39%, 29%, 31%
CMY	0.6118, 0.7098, 0.6902
CMYK	0.00, 0.25, 0.20, 0.61
HSL	348°, 14%, 34%
HSV	348°, 25%, 39%
XYZ	9.0057, 8.1147, 8.4888
YIQ	82.0450, 13.2950, 6.8550

# Conversions

## Conversions Part 2

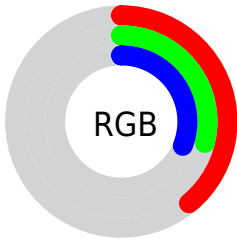
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 74, 79
Decimal	6507087
CIELab	34.22, 11.48, 1.15
CIElCh	34, 11.533, 5.712
Yxy	8.1147, 0.3517, 0.3169
Android (android.graphics.Color)	4284697167 (0xFF634A4F)
YUV	82.0450, -1.5012, 14.8695
Hunter-Lab	28.4863, 6.5797, 2.2723




# Details

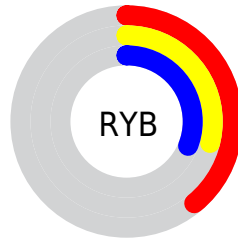
The Hex color **634A4F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4A635E**, and the grayscale version is **525252**.




A 20% lighter version of the original color is **967B80**, and **341E23** is the 20% darker color. If you saturate the color by 10%, you get **634047**, and if you desaturate by 10%, it is **635457**.

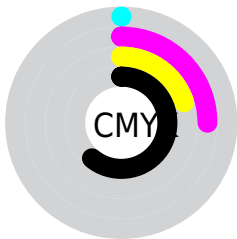
# Distribution







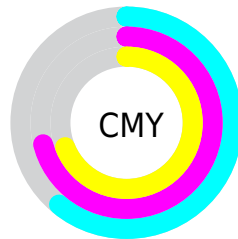
-  Red (39%)
-  Green (29%)
-  Blue (31%)






-  Red (39%)
-  Yellow (29%)
-  Blue (31%)



-  Cyan (0%)
-  Magenta (25%)
-  Yellow (20%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (71%)
-  Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 634A4F 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 634A4F by changing the saturation by 10% instead.





634A4F



634A4F

FFFFFF



4B3338



967B80



341E23



B1959A



20060D



CDAFB5



000000



E9CBD0



FFE7ED



634A4F



634A4F



634047



635457



63363F



635E5F

■ 632C37

■ 636867

■ 63222F

■ 63726F

■ 631927

■ 637C77

■ 630F1F

■ 63857F

■ 630518

■ 638F86

■ 630014

■ 63998E

■ 63A396

# Harmonies

## Analogous

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



5E4B58



634A4F



634B46

# Triad

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



634A4F



4C5341



3D5361

# Complementary

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



634A4F



4A635E

# 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.



38555B



634A4F



415549

# Square

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



634A4F



56503E



3A5652



485163

# Rectangle

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



634A4F



604C42



3A5652



3B545F



# Sweetspot

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



634A4F



807577



5E4A63



40393B



BFBFBF



404040



# Same Dimension

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



634A4F



805961



63524A



302C2D



700016



F00030



# Inverse Universe

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



634A4F



805961



4A5C63



302C2D



700016

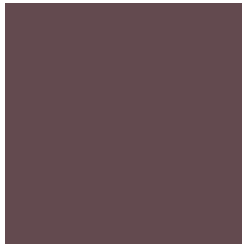


F00030



# Previews

## White Background



This preview shows how the Hex color 634A4F looks on a white background.

## Color Contrast Check

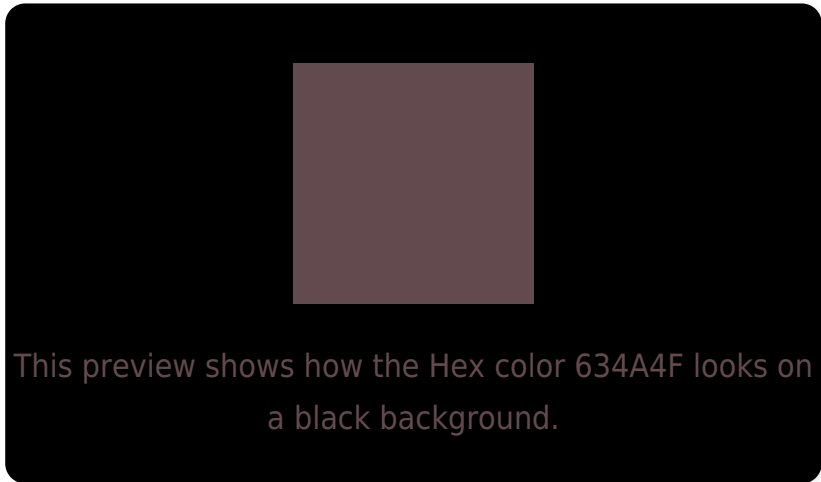
Large Text (above 18pt) WCAG AA ✓ Pass

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

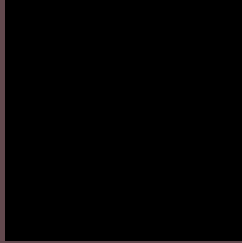
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 634A4F Background



This preview shows how black text looks on a background with the Hex color 634A4F.

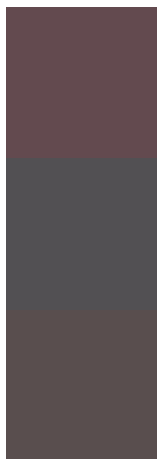


This preview shows how white text looks on a background with the Hex color 634A4F.

# 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](#).

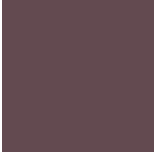
## Dichromacy



**Original Color**  
634A4F

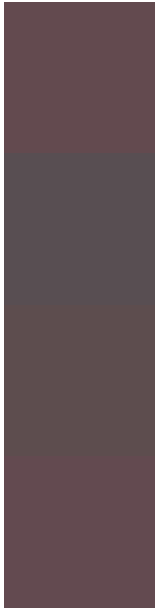
**Protanopia**  
525053

**Deuteranopia**  
594E4E



**Tritanopia**  
634A50

# Trichromacy



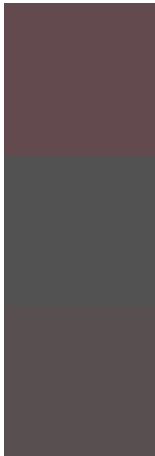
**Original Color**  
634A4F

**Protanomaly**  
584E52

**Deuteranomaly**  
5D4D4E

**Tritanomaly**  
634A50

# Monochromacy



**Original Color**  
634A4F

**Achromatopsia**  
525252

**Achromatomaly**  
584F51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 634A4F 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 #634A4F looks like.

```
.text, #text, p{  
    color:#634A4F  
}
```

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 #634A4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #634A4F
}
```

## Border

The CSS property to change the border of an element to Hex 634A4F is called "border". The border property can be set on classes, ids or directly on the HTML element.

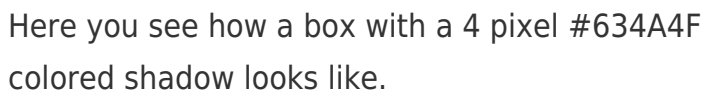
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#634A4F }
```

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

```
.border{ border-color:#634A4F }
```

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



Here you see how a box with a 4 pixel #634A4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #634A4F; -webkit-box-shadow:4px 4px  
4px 4px #634A4F; box-shadow:4px 4px 4px  
4px #634A4F }
```

# Background

The CSS property to change the background color of an element to Hex 634A4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#634A4F }
```

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

```
.background{ background-color:#634A4F }
```

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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