

Converting Colors

Hex(634C51)

Have a look what the booklet for
Hex(634C51) contains.

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Color

Hex(634C51)

Conversions

Conversions Part 1

Format	Color
Hex	634C51
RGB	99, 76, 81
RGB Percent	39%, 30%, 32%
CMY	0.6118, 0.7020, 0.6824
CMYK	0.00, 0.23, 0.18, 0.61
HSL	347°, 13%, 34%
HSV	347°, 23%, 39%
XYZ	9.2152, 8.4156, 8.9233
YIQ	83.4470, 12.1030, 6.4310

Conversions

Conversions Part 2

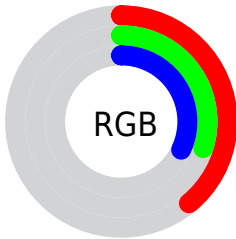
Format	Color
R_{YB}	99, 76, 81
Decimal	6507601
CIE Lab	34.83, 10.59, 0.77
CIE LCh	35, 10.616, 4.169
Yxy	8.4156, 0.3470, 0.3169
Android (android.graphics.Color)	4284697681 (0xFF634C51)
YUV	83.4470, -1.2064, 13.6400
Hunter-Lab	29.0097, 5.9355, 2.0694




Details

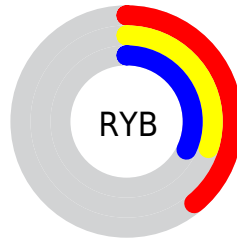
The Hex color **634C51** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4C635E**, and the grayscale version is **535353**.




A 20% lighter version of the original color is **967D82**, and **342025** is the 20% darker color. If you saturate the color by 10%, you get **634249**, and if you desaturate by 10%, it is **635659**.

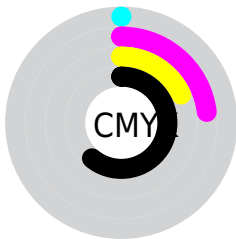
Distribution







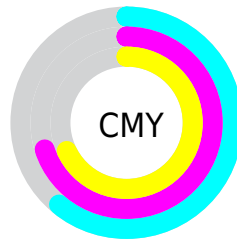
-  Red (39%)
-  Green (30%)
-  Blue (32%)






-  Red (39%)
-  Yellow (30%)
-  Blue (32%)



-  Cyan (0%)
-  Magenta (23%)
-  Yellow (18%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (70%)
-  Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 634C51 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 634C51 by changing the saturation by 10% instead.

634C51

634C51

FFFFFF

4B353A

967D82

342025

B1979C

1F090F

CDB2B7

000000

E9CDD3

FFE9EF

634C51

634C51

634249

635659

633842

636060

632E3A

636A68

632432

637470

631A2A

637E78

631123

63877F

63071B

639187

630016

639B8F

63A597

Harmonies

Analogous

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



5E4D59



634C51



634D49

Triad

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



634C51



4E5444



405561

Complementary

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



634C51



4C635E

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.



3B565B



634C51



44564A

Square

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



634C51



575241



3D5753



4A5263

Rectangle

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



634C51



614E45



3D5753



3E555F

Sweetspot

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



634C51



807779



5E4C63



403B3C



BFBFBF



404040

Same Dimension

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



634C51



805C64



63524C



302C2D



700018



F00034

Inverse Universe

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



634C51



805C64



4C5D63



302C2D



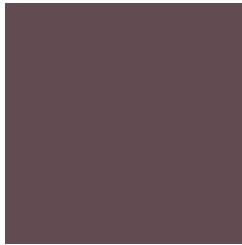
700018



F00034

Previews

White Background



This preview shows how the Hex color 634C51 looks on a white background.

Color Contrast Check

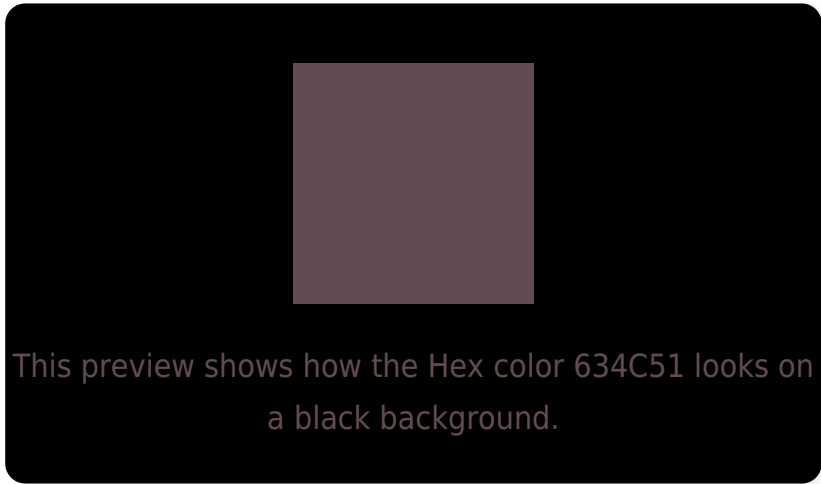
Large Text (above 18pt) WCAG AA ✓ Pass

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

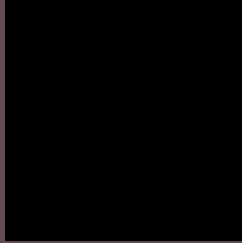
Any Text WCAG AA × Fail

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 634C51 Background



This preview shows how black text looks on a background with the Hex color 634C51.

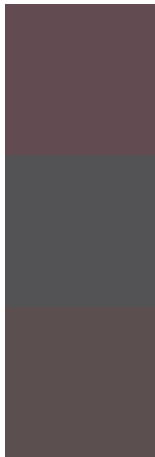


This preview shows how white text looks on a background with the Hex color 634C51.

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
634C51

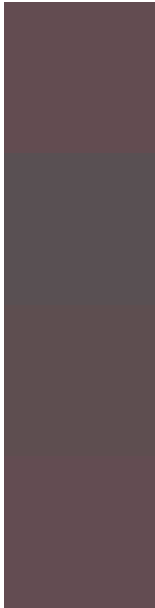
Protanopia
535254

Deuteranopia
5B4F50



Tritanopia
634C52

Trichromacy



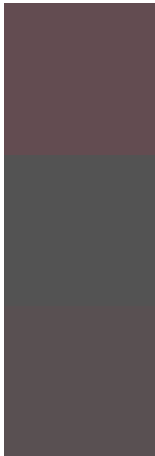
Original Color
634C51

Protanomaly
595053

Deuteranomaly
5E4E50

Tritanomaly
634C52

Monochromacy



Original Color
634C51

Achromatopsia
535353

Achromatomaly
595052

CSS Examples

Text

The CSS property to change the color of the text to Hex 634C51 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 #634C51 looks like.

```
.text, #text, p{  
    color:#634C51  
}
```

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 #634C51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #634C51
}
```

Border

The CSS property to change the border of an element to Hex 634C51 is called "border". The border property can be set on classes, ids or directly on the HTML element.

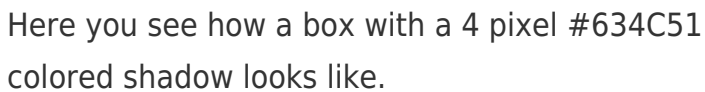
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#634C51 }
```

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

```
.border{ border-color:#634C51 }
```

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



Here you see how a box with a 4 pixel #634C51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #634C51; -webkit-box-shadow:4px 4px  
4px 4px #634C51; box-shadow:4px 4px 4px  
4px #634C51 }
```

Background

The CSS property to change the background color of an element to Hex 634C51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#634C51 }
```

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

```
.background{ background-color:#634C51 }
```

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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