

Converting Colors

Hex(634D36)

Have a look what the booklet for
Hex(634D36) contains.

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Color

Hex(634D36)

Conversions

Conversions Part 1

Format	Color
Hex	634D36
RGB	99, 77, 54
RGB Percent	39%, 30%, 21%
CMY	0.6118, 0.6980, 0.7882
CMYK	0.00, 0.22, 0.45, 0.61
HSL	31°, 29%, 30%
HSV	31°, 45%, 39%
XYZ	8.4653, 8.2267, 4.6318
YIQ	80.9560, 20.4950, -2.4890

Conversions

Conversions Part 2

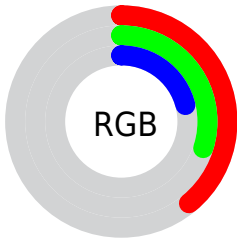
Format	Color
R_{YB}	97, 99, 54
Decimal	6507830
CIE Lab	34.45, 5.83, 17.17
CIE LCh	34, 18.131, 71.239
Yxy	8.2267, 0.3970, 0.3858
Android (android.graphics.Color)	4284697910 (0xFF634D36)
YUV	80.9560, -13.2893, 15.8246
Hunter-Lab	28.6823, 2.4886, 10.5031

Details

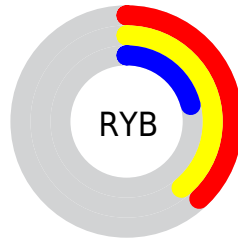
The Hex color **634D36** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **364C63**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **977E65**, and **33210A** is the 20% darker color. If you saturate the color by 10%, you get **63482C**, and if you desaturate by 10%, it is **635240**.

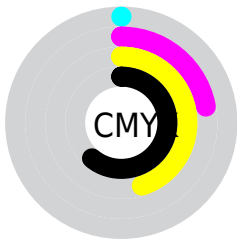
Distribution



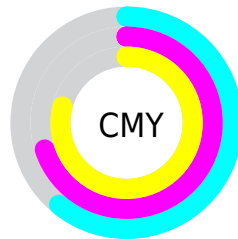
- Red (39%)
- Green (30%)
- Blue (21%)



- Red (38%)
- Yellow (39%)
- Blue (21%)



- Cyan (0%)
- Magenta (22%)
- Yellow (45%)
- Black (61%)



- Cyan (61%)
- Magenta (70%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 634D36 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 634D36 by changing the saturation by 10% instead.

■ 634D36

■ 634D36

FFFFFF

■ 4A3620

■ 977E65

■ 33210A

■ B2987E

■ 1D0B00

■ CEB298

■ 000000

■ EACEB3

■ FFEACE

■ FFFFEB

■ 634D36

■ 634D36

■ 63482C

■ 635240

■ 634322

■ 63574A

■ 633E18

■ 635C54

■ 633A0E

■ 63605E

■ 633504

■ 636568

■ 633300

■ 636A71

■ 636F7B

■ 637485

■ 63798F

Harmonies

Analogous

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



6C493F



634D36



565235

Triad

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



634D36



265956



5A4B67

Complementary

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



634D36



364C63

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.



46516D



634D36



235864

Square

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



634D36



355847



31556C



68475B

Rectangle

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



634D36



4B5538



31556C



544D6A

Sweetspot

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



634D36



80776E



63364D



403A35



BFBFBF



404040

Same Dimension

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



634D36



805D39



636336



302E2C



703900



F07B00

Inverse Universe

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



364C63



395C80



363663



2C2E30



003770



0075F0

Previews

White Background



This preview shows how the Hex color 634D36 looks on a white background.

Color Contrast Check

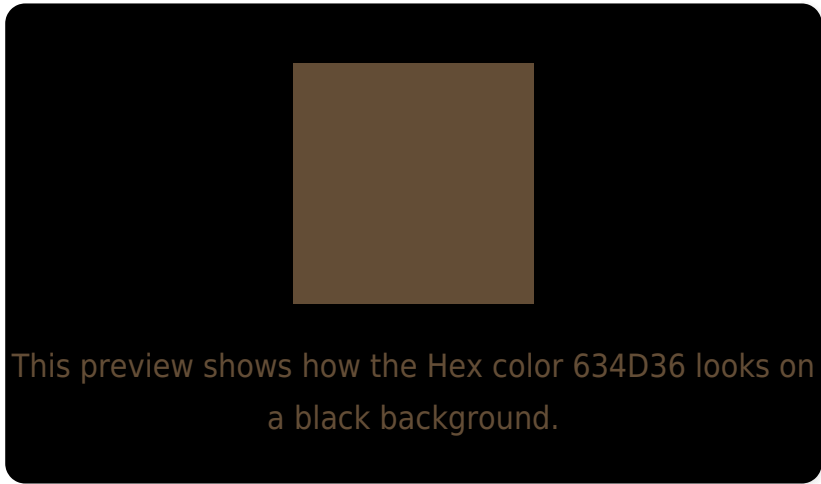
Large Text (above 18pt) WCAG AA ✓ Pass

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

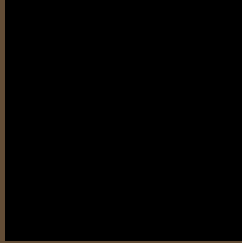
Any Text WCAG AA × Fail

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 634D36 Background



This preview shows how black text looks on a background with the Hex color 634D36.



This preview shows how white text looks on a background with the Hex color 634D36.

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
634D36

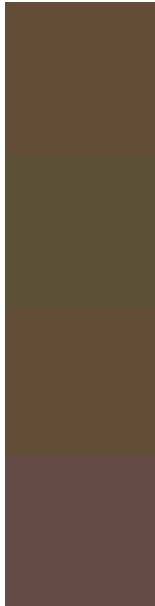
Protanopia
585138

Deuteranopia
614E36



Tritanopia
654A4F

Trichromacy



Original Color
634D36

Protanomaly
5C5037

Deuteranomaly
624E36

Tritanomaly
644B46

Monochromacy



Original Color
634D36

Achromatopsia
515151

Achromatomaly
585047

CSS Examples

Text

The CSS property to change the color of the text to Hex 634D36 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 #634D36 looks like.

```
.text, #text, p{  
    color:#634D36  
}
```

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 #634D36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #634D36
}
```

Border

The CSS property to change the border of an element to Hex 634D36 is called "border". The border property can be set on classes, ids or directly on the HTML element.

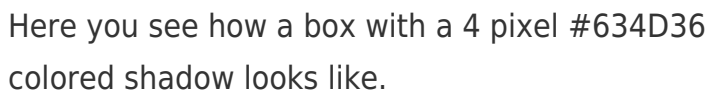
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#634D36 }
```

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

```
.border{ border-color:#634D36 }
```

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



Here you see how a box with a 4 pixel #634D36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #634D36; -webkit-box-shadow:4px 4px  
4px 4px #634D36; box-shadow:4px 4px 4px  
4px #634D36 }
```

Background

The CSS property to change the background color of an element to Hex 634D36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#634D36 }
```

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

```
.background{ background-color:#634D36 }
```

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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