

Converting Colors

Hex(634236)

Have a look what the booklet for
Hex(634236) contains.

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Color

Hex(634236)

Conversions

Conversions Part 1

Format	Color
Hex	634236
RGB	99, 66, 54
RGB Percent	39%, 26%, 21%
CMY	0.6118, 0.7412, 0.7882
CMYK	0.00, 0.33, 0.45, 0.61
HSL	16°, 29%, 30%
HSV	16°, 45%, 39%
XYZ	7.7597, 6.8154, 4.3966
YIQ	74.4990, 23.5200, 3.2640

Conversions

Conversions Part 2

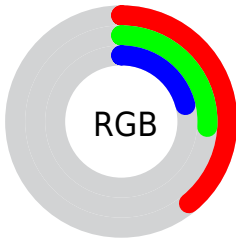
Format	Color
RYB	99, 70, 54
Decimal	6505014
CIELab	31.38, 12.67, 13.08
CIElCh	31, 18.210, 45.916
Yxy	6.8154, 0.4090, 0.3592
Android (android.graphics.Color)	4284695094 (0xFF634236)
YUV	74.4990, -10.1060, 21.4874
Hunter-Lab	26.1064, 7.3699, 8.2895

Details

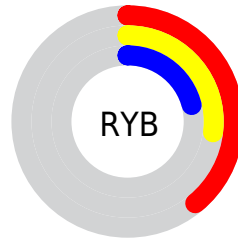
The Hex color **634236** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **365763**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **977265**, and **33170A** is the 20% darker color. If you saturate the color by 10%, you get **633B2C**, and if you desaturate by 10%, it is **634940**.

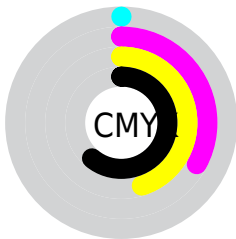
Distribution



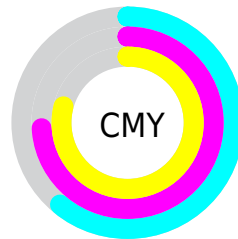
- Red (39%)
- Green (26%)
- Blue (21%)



- Red (39%)
- Yellow (27%)
- Blue (21%)



- Cyan (0%)
- Magenta (33%)
- Yellow (45%)
- Black (61%)



- Cyan (61%)
- Magenta (74%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 634236 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 634236 by changing the saturation by 10% instead.

 634236

 634236

FFFFFF

 4A2C21

 977265

 33170A

 B28C7E

 1D0000

 CEA698

 000000

 EBC1B2

 FFDDCE

 FFFAEA

 634236

 634236

 633B2C

 634940

■ 633322

■ 63514A

■ 632C18

■ 635854

■ 63250E

■ 635F5E

■ 631E04

■ 636668

■ 631A00

■ 636E71

■ 63757B

■ 637C85

■ 63838F

Harmonies

Analogous

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



663F43



634236



5A472E

Triad

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



634236



2B5142



424965

Complementary

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



634236



365763

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.



2C4D65



634236



1C5251

Square

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



634236



3C4F36



1B505E



55445E

Rectangle

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



634236



514A2D



1B505E



3B4A66

Sweetspot

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



634236



80726E



633657



403835



BFBFBF



404040

Same Dimension

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



634236



804C39



635936



302D2C



701E00



F04000

Inverse Universe

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



365763



396D80



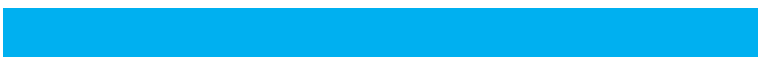
364163



2C2F30



005270



00B0F0

Previews

White Background



This preview shows how the Hex color 634236 looks on a white background.

Color Contrast Check

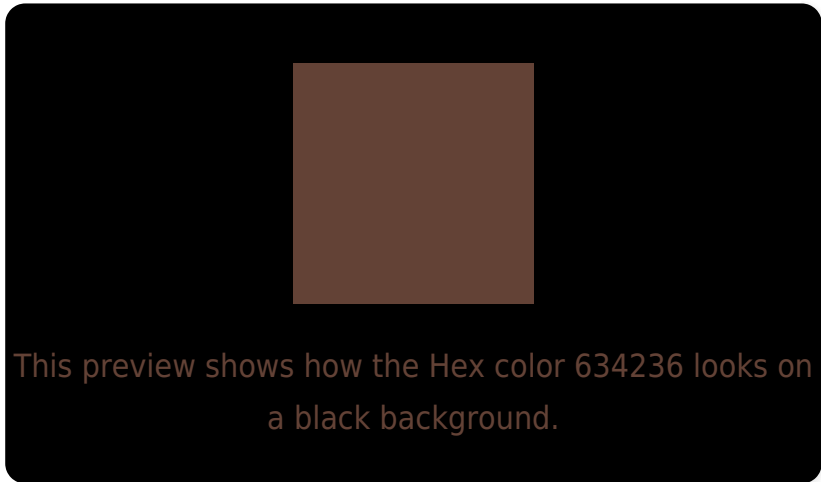
Large Text (above 18pt) WCAG AA ✓ Pass

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

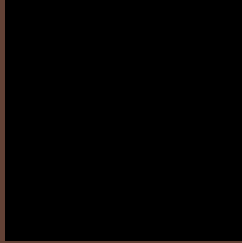
Any Text WCAG AA × Fail

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 634236 Background



This preview shows how black text looks on a background with the Hex color 634236.

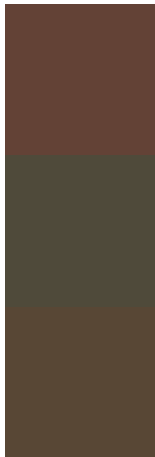


This preview shows how white text looks on a background with the Hex color 634236.

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
634236

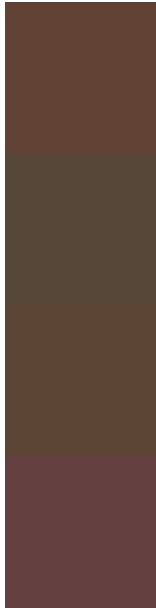
Protanopia
4F4A3A

Deuteranopia
584735



Tritanopia
644045

Trichromacy



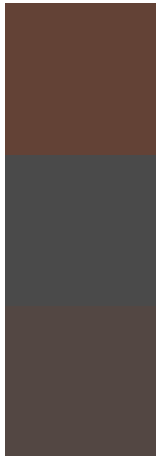
Original Color
634236

Protanomaly
564739

Deuteranomaly
5C4535

Tritanomaly
644140

Monochromacy



Original Color
634236

Achromatopsia
4A4A4A

Achromatomaly
534743

CSS Examples

Text

The CSS property to change the color of the text to Hex 634236 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 #634236 looks like.

```
.text, #text, p{  
    color:#634236  
}
```

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 #634236 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #634236
}
```

Border

The CSS property to change the border of an element to Hex 634236 is called "border". The border property can be set on classes, ids or directly on the HTML element.

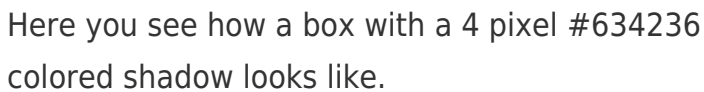
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#634236 }
```

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

```
.border{ border-color:#634236 }
```

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



Here you see how a box with a 4 pixel #634236 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #634236; -webkit-box-shadow:4px 4px  
4px 4px #634236; box-shadow:4px 4px 4px  
4px #634236 }
```

Background

The CSS property to change the background color of an element to Hex 634236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#634236 }
```

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

```
.background{ background-color:#634236 }
```

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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