

Converting Colors

Hex(623A2D)

Have a look what the booklet for
Hex(623A2D) contains.

Hex(623A2D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(623A2D)

Conversions

Conversions Part 1

Format	Color
Hex	623A2D
RGB	98, 58, 45
RGB Percent	38%, 23%, 18%
CMY	0.6157, 0.7725, 0.8235
CMYK	0.00, 0.41, 0.54, 0.62
HSL	15°, 37%, 28%
HSV	15°, 54%, 38%
XYZ	7.0237, 5.8122, 3.2343
YIQ	68.4780, 28.0130, 4.4370

Conversions

Conversions Part 2

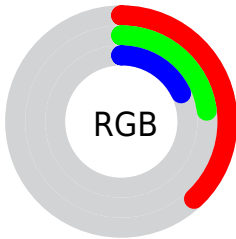
Format	Color
RYB	98, 62, 45
Decimal	6437421
CIELab	28.93, 16.14, 15.53
CIElCh	29, 22.399, 43.901
Yxy	5.8122, 0.4371, 0.3617
Android (android.graphics.Color)	4284627501 (0xFF623A2D)
YUV	68.4780, -11.5747, 25.8908
Hunter-Lab	24.1086, 9.8135, 8.9219

Details

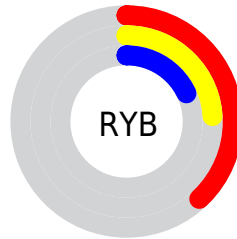
The Hex color **623A2D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2D5562**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **976A5B**, and **310F00** is the 20% darker color. If you saturate the color by 10%, you get **623323**, and if you desaturate by 10%, it is **624137**.

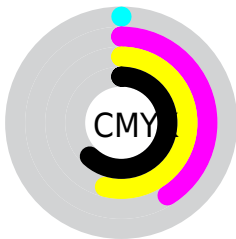
Distribution



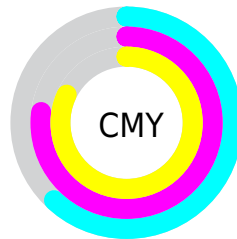
- Red (38%)
- Green (23%)
- Blue (18%)



- Red (38%)
- Yellow (24%)
- Blue (18%)



- Cyan (0%)
- Magenta (41%)
- Yellow (54%)
- Black (62%)



- Cyan (62%)
- Magenta (77%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 623A2D 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 623A2D by changing the saturation by 10% instead.

 623A2D

 623A2D

FFFFFF

 492418

 976A5B

 310F00

 B28373

 180001

 CE9D8D

 000000

 EBB8A7

 FFD4C3

 FFF0DF

 FFFFFB

 623A2D

 623A2D

■ 623323

■ 624137

■ 622B19

■ 624941

■ 622410

■ 62504A

■ 621C06

■ 625854

■ 621800

■ 625F5E

■ 626668

■ 626E72

■ 62757B

■ 627D85

Harmonies

Analogous

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



66363D



623A2D



574023

Triad

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



623A2D



1C4D3A



374366

Complementary

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



623A2D



2D5562

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.



144965



623A2D



004D4C

Square

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



623A2D



344A2B



004C5C



503D5D

Rectangle

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



623A2D



4D4421



004C5C



2D4567

Sweetspot

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



623A2D



80706B



622D56



403734



BFBFBF



404040

Same Dimension

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



623A2D



80412D



62542D



302D2C



701C00



F03B00

Inverse Universe

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



2D5562



2D6B80



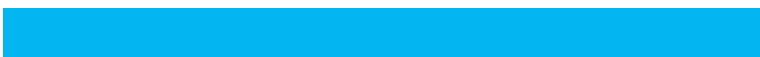
2D3B62



2C2F30



005570



00B5F0

Previews

White Background



This preview shows how the Hex color 623A2D looks on a white background.

Color Contrast Check

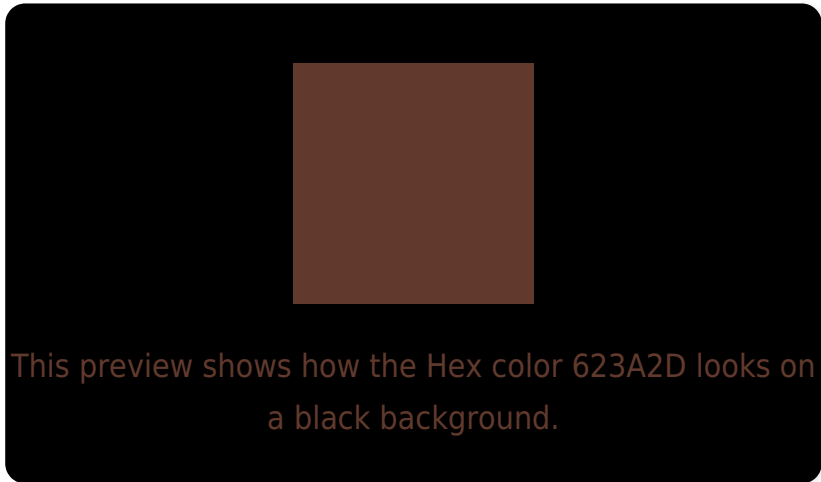
Large Text (above 18pt) WCAG AA ✓ Pass

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 623A2D Background



This preview shows how black text looks on a background with the Hex color 623A2D.

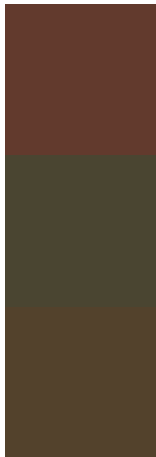


This preview shows how white text looks on a background with the Hex color 623A2D.

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
623A2D

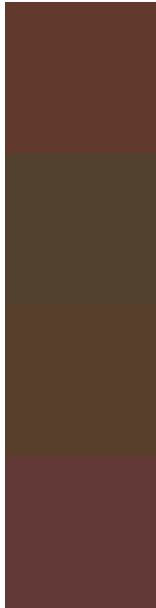
Protanopia
4A4531

Deuteranopia
53422C



Tritanopia
63383C

Trichromacy



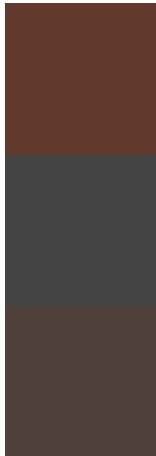
Original Color
623A2D

Protanomaly
534130

Deuteranomaly
583F2C

Tritanomaly
633937

Monochromacy



Original Color
623A2D

Achromatopsia
444444

Achromatomaly
4F403C

CSS Examples

Text

The CSS property to change the color of the text to Hex 623A2D 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 #623A2D looks like.

```
.text, #text, p{  
    color:#623A2D  
}
```

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 #623A2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #623A2D
}
```

Border

The CSS property to change the border of an element to Hex 623A2D 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
#623A2D }
```

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

```
.border{ border-color:#623A2D }
```

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

Here you see how a box with a 4 pixel #623A2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #623A2D; -webkit-box-shadow:4px 4px  
4px 4px #623A2D; box-shadow:4px 4px 4px  
4px #623A2D }
```

Background

The CSS property to change the background color of an element to Hex 623A2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#623A2D }
```

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

```
.background{ background-color:#623A2D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor