

Converting Colors

Hex(563A2D)

Have a look what the booklet for
Hex(563A2D) contains.

Hex(563A2D)	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(563A2D)

Conversions

Conversions Part 1

Format	Color
Hex	563A2D
RGB	86, 58, 45
RGB Percent	34%, 23%, 18%
CMY	0.6627, 0.7725, 0.8235
CMYK	0.00, 0.33, 0.48, 0.66
HSL	19°, 31%, 26%
HSV	19°, 48%, 34%
XYZ	5.8245, 5.1940, 3.1782
YIQ	64.8900, 20.8610, 1.8930

Conversions

Conversions Part 2

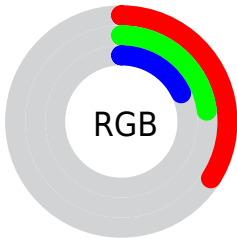
Format	Color
RYB	86, 64, 45
Decimal	5650989
CIELab	27.28, 10.57, 13.04
CIElCh	27, 16.788, 50.973
Yxy	5.1940, 0.4103, 0.3659
Android (android.graphics.Color)	4283841069 (0xFF563A2D)
YUV	64.8900, -9.8058, 18.5135
Hunter-Lab	22.7904, 5.7355, 7.6851

Details

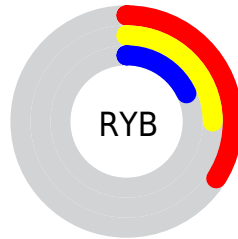
The Hex color **563A2D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2D4956**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **89695B**, and **281000** is the 20% darker color. If you saturate the color by 10%, you get **563424**, and if you desaturate by 10%, it is **564036**.

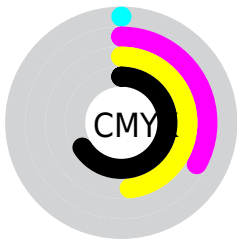
Distribution



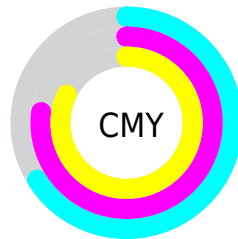
- Red (34%)
- Green (23%)
- Blue (18%)



- Red (34%)
- Yellow (25%)
- Blue (18%)



- Cyan (0%)
- Magenta (33%)
- Yellow (48%)
- Black (66%)



- Cyan (66%)
- Magenta (77%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 563A2D 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 563A2D by changing the saturation by 10% instead.

 563A2D

 563A2D

FFFFFF

 3E2418

 89695B

 281000

 A48273

 000000

 BF9D8D

 DCB7A7

 F8D3C3

 FFEFDE

 FFFFFB

 563A2D

 563A2D

■ 563424

■ 564036

■ 562E1C

■ 56463E

■ 562813

■ 564C47

■ 56230B

■ 56514F

■ 561D02

■ 565758

■ 561B00

■ 565D61

■ 566369

■ 566972

■ 566F7A

Harmonies

Analogous

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



5A3738



563A2D



4D3E27

Triad

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



563A2D



22473C



3D3F58

Complementary

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



563A2D



2D4956

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.



29435A



563A2D



154749

Square

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



563A2D



314630



174654



4D3A51

Rectangle

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



563A2D



454127



174654



36405A

Sweetspot

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



563A2D



706560



562D49



38322F



B8B8B8



383838

Same Dimension

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



563A2D



704530



564E2D



2B2827



6B2200



EB4A00

Inverse Universe

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



2D4956



305C70



2D3556



272A2B



00496B



00A0EB

Previews

White Background



This preview shows how the Hex color 563A2D looks on a white background.

Color Contrast Check

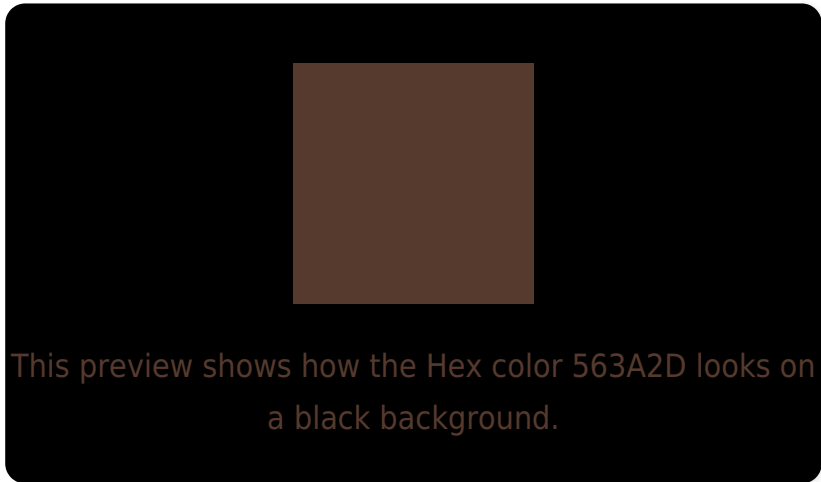
Large Text (above 18pt) WCAG AA ✓ Pass

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

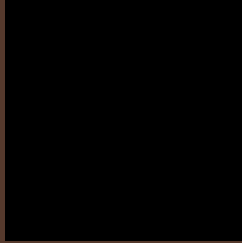
Any Text WCAG AA × Fail

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 563A2D Background



This preview shows how black text looks on a background with the Hex color 563A2D.

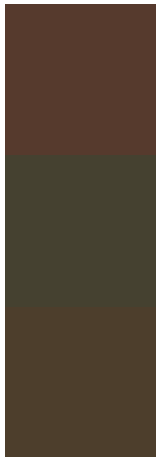


This preview shows how white text looks on a background with the Hex color 563A2D.

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
563A2D

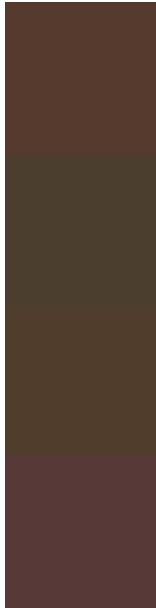
Protanopia
454130

Deuteranopia
4D3E2C



Tritanopia
57383C

Trichromacy



Original Color
563A2D

Protanomaly
4B3E2F

Deuteranomaly
503D2C

Tritanomaly
573937

Monochromacy



Original Color
563A2D

Achromatopsia
414141

Achromatomaly
493E3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 563A2D 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 #563A2D looks like.

```
.text, #text, p{  
    color:#563A2D  
}
```

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 #563A2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #563A2D
}
```

Border

The CSS property to change the border of an element to Hex 563A2D is called "border". The border property can be set on classes, ids or directly on the HTML element.

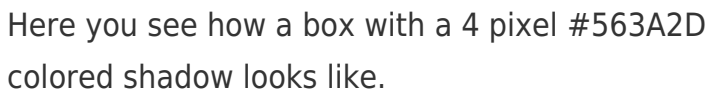
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#563A2D }
```

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

```
.border{ border-color:#563A2D }
```

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



Here you see how a box with a 4 pixel #563A2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #563A2D; -webkit-box-shadow:4px 4px  
4px 4px #563A2D; box-shadow:4px 4px 4px  
4px #563A2D }
```

Background

The CSS property to change the background color of an element to Hex 563A2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#563A2D }
```

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

```
.background{ background-color:#563A2D }
```

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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