

Converting Colors

Hex(563539)

Have a look what the booklet for
Hex(563539) contains.

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Color

Hex(563539)

Conversions

Conversions Part 1

Format	Color
Hex	563539
RGB	86, 53, 57
RGB Percent	34%, 21%, 22%
CMY	0.6627, 0.7922, 0.7765
CMYK	0.00, 0.38, 0.34, 0.66
HSL	353°, 24%, 27%
HSV	353°, 38%, 34%
XYZ	5.8494, 4.8200, 4.4930
YIQ	63.3230, 18.3840, 8.2400

Conversions

Conversions Part 2

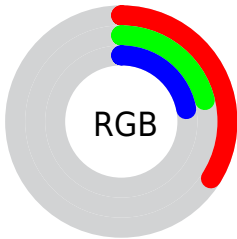
Format	Color
R_YB	86, 53, 57
Decimal	5649721
CIE Lab	26.22, 15.44, 3.67
CIE LCh	26, 15.872, 13.383
Yxy	4.8200, 0.3858, 0.3179
Android (android.graphics.Color)	4283839801 (0xFF563539)
YUV	63.3230, -3.1172, 19.8877
Hunter-Lab	21.9546, 9.1373, 3.2347

Details

The Hex color **563539** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **355652**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **896468**, and **280A0E** is the 20% darker color. If you saturate the color by 10%, you get **562C31**, and if you desaturate by 10%, it is **563E41**.

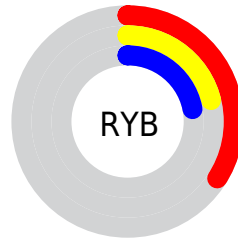
Distribution



Red (34%)

Green (21%)

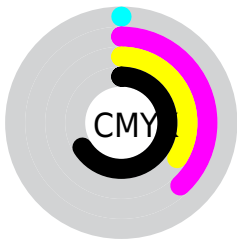
Blue (22%)



Red (34%)

Yellow (21%)

Blue (22%)

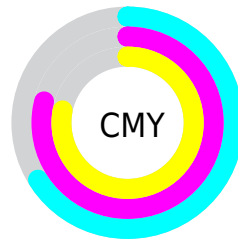


Cyan (0%)

Magenta (38%)

Yellow (34%)

Black (66%)



Cyan (66%)

Magenta (79%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 563539 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 563539 by changing the saturation by 10% instead.

■ 563539

■ 563539

FFFFFF

■ 3E1F24

■ 896468

■ 280A0E

■ A37D81

■ 000000

■ BF979B

■ DBB2B6

■ F8CDD1

■ FFEAEE

■ 563539

■ 563539

■ 562C31

■ 563E41

■ 56242A

■ 564648

■ 561B22

■ 564F50

■ 56131B

■ 565757

■ 560A13

■ 56605F

■ 56010C

■ 566966

■ 56000A

■ 56716E

■ 567A75

■ 56827D

Harmonies

Analogous

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



523645



563539



54372E

Triad

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



563539



33422C



244155

Complementary

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



563539



355652

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.



16444E



563539



254437

Square

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



563539



413F26



184543



363D55

Rectangle

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



563539



4F3A29



184543



1E4253

Sweetspot

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



563539



706364



523556



383031



B8B8B8



383838

Same Dimension

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



563539



703D43



564135



2B2728



6B000D



EB001C

Inverse Universe

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



563539



703D43



354A56



2B2728



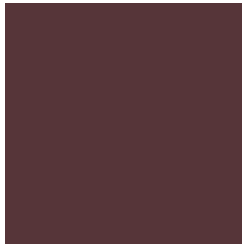
6B000D



EB001C

Previews

White Background



This preview shows how the Hex color 563539 looks on a white background.

Color Contrast Check

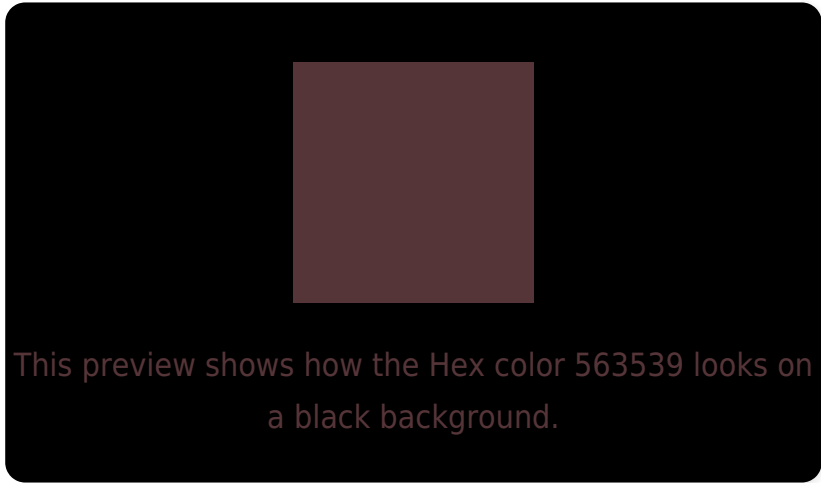
Large Text (above 18pt) WCAG AA ✓ Pass

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 563539 Background



This preview shows how black text looks on a background with the Hex color 563539.

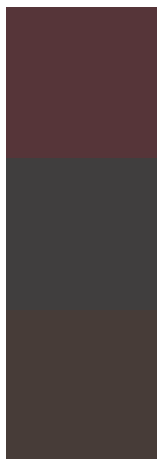


This preview shows how white text looks on a background with the Hex color 563539.

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
563539

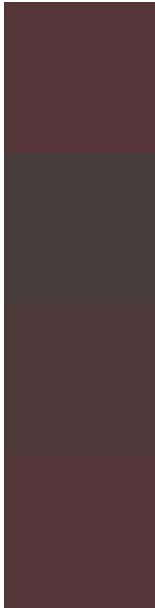
Protanopia
403E3E

Deuteranopia
473C38



Tritanopia
563539

Trichromacy



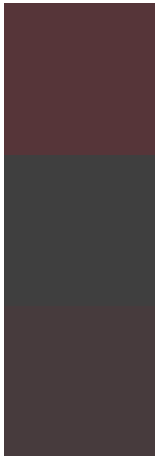
Original Color
563539

Protanomaly
483B3C

Deuteranomaly
4C3938

Tritanomaly
563539

Monochromacy



Original Color
563539

Achromatopsia
3F3F3F

Achromatomaly
473B3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 563539 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 #563539 looks like.

```
.text, #text, p{  
    color:#563539  
}
```

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 #563539 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #563539
}
```

Border

The CSS property to change the border of an element to Hex 563539 is called "border". The border property can be set on classes, ids or directly on the HTML element.

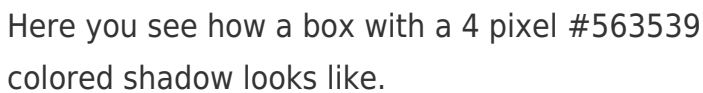
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#563539 }
```

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

```
.border{ border-color:#563539 }
```

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



Here you see how a box with a 4 pixel #563539 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #563539; -webkit-box-shadow:4px 4px  
4px 4px #563539; box-shadow:4px 4px 4px  
4px #563539 }
```

Background

The CSS property to change the background color of an element to Hex 563539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#563539 }
```

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

```
.background{ background-color:#563539 }
```

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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