

Converting Colors

Hex(563317)

Have a look what the booklet for
Hex(563317) contains.

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Color

Hex(563317)

Conversions

Conversions Part 1

Format	Color
Hex	563317
RGB	86, 51, 23
RGB Percent	34%, 20%, 9%
CMY	0.6627, 0.8000, 0.9098
CMYK	0.00, 0.41, 0.73, 0.66
HSL	27°, 58%, 21%
HSV	27°, 73%, 34%
XYZ	5.1762, 4.4079, 1.3886
YIQ	58.2730, 29.8480, -1.2880

Conversions

Conversions Part 2

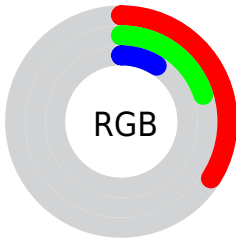
Format	Color
RYB	86, 73, 23
Decimal	5649175
CIELab	24.98, 12.90, 23.92
CIELCh	25, 27.178, 61.666
Yxy	4.4079, 0.4717, 0.4017
Android (android.graphics.Color)	4283839255 (0xFF563317)
YUV	58.2730, -17.3896, 24.3166
Hunter-Lab	20.9951, 7.2668, 10.7752

Details

The Hex color **563317** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **173A56**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **8B6243**, and **250700** is the 20% darker color. If you saturate the color by 10%, you get **562E0E**, and if you desaturate by 10%, it is **563820**.

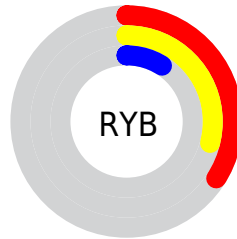
Distribution



 Red (34%)

 Green (20%)

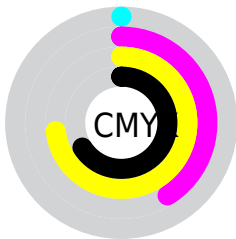
 Blue (9%)



 Red (34%)

 Yellow (29%)

 Blue (9%)

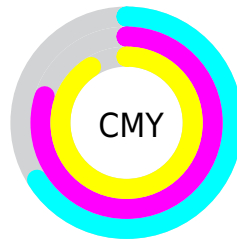


 Cyan (0%)

 Magenta (41%)

 Yellow (73%)

 Black (66%)



 Cyan (66%)

 Magenta (80%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 563317 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 563317 by changing the saturation by 10% instead.

 563317

 563317

FFFFFFC

 3D1E00

 8B6243

 250700

 A67A5B

 000000

 C29474

 DFAF8D

 FCCAA8

 FFE7C3

 FFFFDF

 563317

 563317

■ 562E0E

■ 563820

■ 562906

■ 563D28

■ 562600

■ 564131

■ 564639

■ 564B42

■ 56504B

■ 565453

■ 56595C

■ 565E64

Harmonies

Analogous

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



602C27



563317



463B10

Triad

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



563317



00453C



3E355E

Complementary

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



563317



173A56

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.



133D64



563317



004550

Square

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



563317



144427



00425F



552D4F

Rectangle

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



563317



383F13



00425F



333861

Sweetspot

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



563317



706258



56173B



38302A



B8B8B8



383838

Same Dimension

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



563317



70390D



565217



2B2927



6B3000



EB6800

Inverse Universe

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



173A56



0D4470



171B56



27292B



003B6B



0082EB

Previews

White Background



This preview shows how the Hex color 563317 looks on a white background.

Color Contrast Check

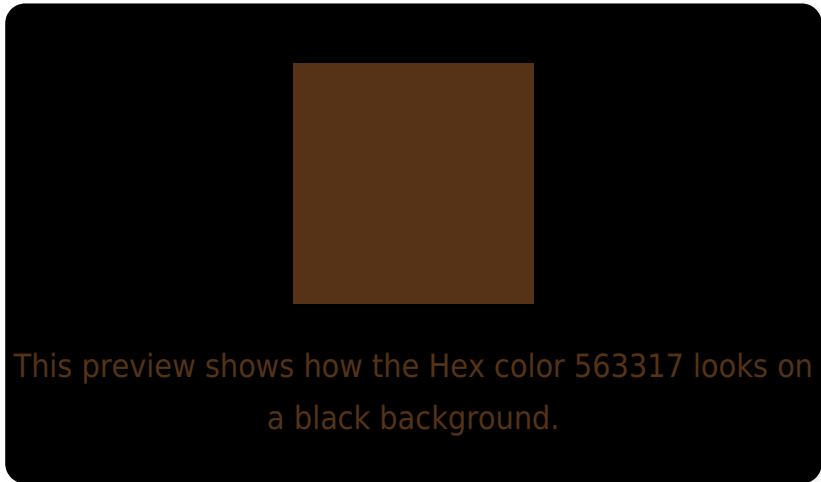
Large Text (above 18pt) WCAG AA ✓ Pass

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

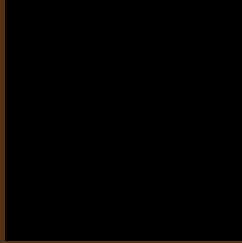
Any Text WCAG AA × Fail

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 563317 Background



This preview shows how black text looks on a background with the Hex color 563317.



This preview shows how white text looks on a background with the Hex color 563317.

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
563317

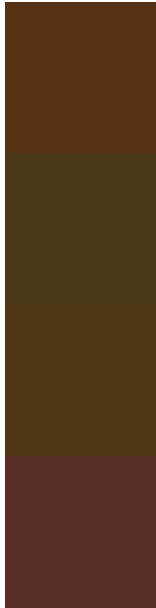
Protanopia
433C1A

Deuteranopia
4B3915



Tritanopia
583033

Trichromacy



Original Color
563317

Protanomaly
4A3919

Deuteranomaly
4F3716

Tritanomaly
573129

Monochromacy



Original Color
563317

Achromatopsia
3A3A3A

Achromatomaly
44372D

CSS Examples

Text

The CSS property to change the color of the text to Hex 563317 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 #563317 looks like.

```
.text, #text, p{  
    color:#563317  
}
```

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 #563317 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #563317
}
```

Border

The CSS property to change the border of an element to Hex 563317 is called "border". The border property can be set on classes, ids or directly on the HTML element.

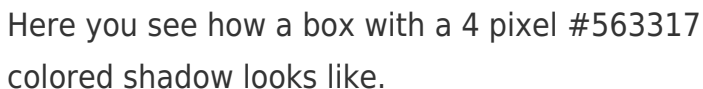
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#563317 }
```

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

```
.border{ border-color:#563317 }
```

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



Here you see how a box with a 4 pixel #563317 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #563317; -webkit-box-shadow:4px 4px  
4px 4px #563317; box-shadow:4px 4px 4px  
4px #563317 }
```

Background

The CSS property to change the background color of an element to Hex 563317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#563317 }
```

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

```
.background{ background-color:#563317 }
```

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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