

Converting Colors

Hex(563319)

Have a look what the booklet for
Hex(563319) contains.

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Color

Hex(563319)

Conversions

Conversions Part 1

Format	Color
Hex	563319
RGB	86, 51, 25
RGB Percent	34%, 20%, 10%
CMY	0.6627, 0.8000, 0.9020
CMYK	0.00, 0.41, 0.71, 0.66
HSL	26°, 55%, 22%
HSV	26°, 71%, 34%
XYZ	5.1970, 4.4163, 1.4982
YIQ	58.5010, 29.2060, -0.6660

Conversions

Conversions Part 2

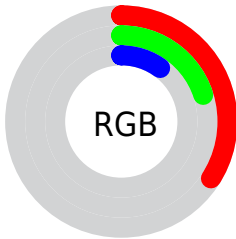
Format	Color
RYB	86, 70, 25
Decimal	5649177
CIELab	25.00, 13.04, 22.77
CIELCh	25, 26.239, 60.196
Yxy	4.4163, 0.4677, 0.3974
Android (android.graphics.Color)	4283839257 (0xFF563319)
YUV	58.5010, -16.5160, 24.1166
Hunter-Lab	21.0149, 7.3674, 10.4835

Details

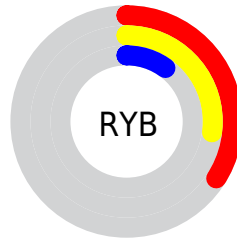
The Hex color **563319** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **193C56**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **8B6245**, and **250700** is the 20% darker color. If you saturate the color by 10%, you get **562E10**, and if you desaturate by 10%, it is **563822**.

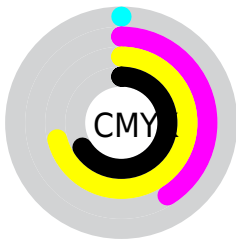
Distribution



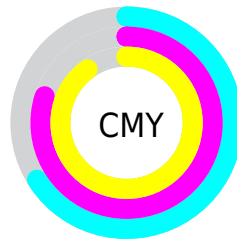
- Red (34%)
- Green (20%)
- Blue (10%)



- Red (34%)
- Yellow (27%)
- Blue (10%)



- Cyan (0%)
- Magenta (41%)
- Yellow (71%)
- Black (66%)



- Cyan (66%)
- Magenta (80%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 563319 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 563319 by changing the saturation by 10% instead.



563319



563319

FFFFFFE



3D1E00



8B6245



250700



A67B5D



000000



C29476



DFAF90



FCCA AA



FFE7C5



FFFFE2



563319



563319

■ 562E10

■ 563822

■ 562908

■ 563D2A

■ 562500

■ 564233

■ 56473B

■ 564C44

■ 56514D

■ 565655

■ 565A5E

■ 565F66

Harmonies

Analogous

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



5F2C29



563319



463A12

Triad

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



563319



00453B



3C365E

Complementary

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



563319



193C56

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.



133D63



563319



00454F

Square

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



563319



184427



00425D



542E4F

Rectangle

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



563319



3A3E14



00425D



323961

Sweetspot

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



563319



706359



56193D



38302A



B8B8B8



383838

Same Dimension

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



563319



703911



565119



2B2927



6B2E00



EB6400

Inverse Universe

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



193C56



114870



191E56



272A2B



003D6B



0087EB

Previews

White Background



This preview shows how the Hex color 563319 looks on a white background.

Color Contrast Check

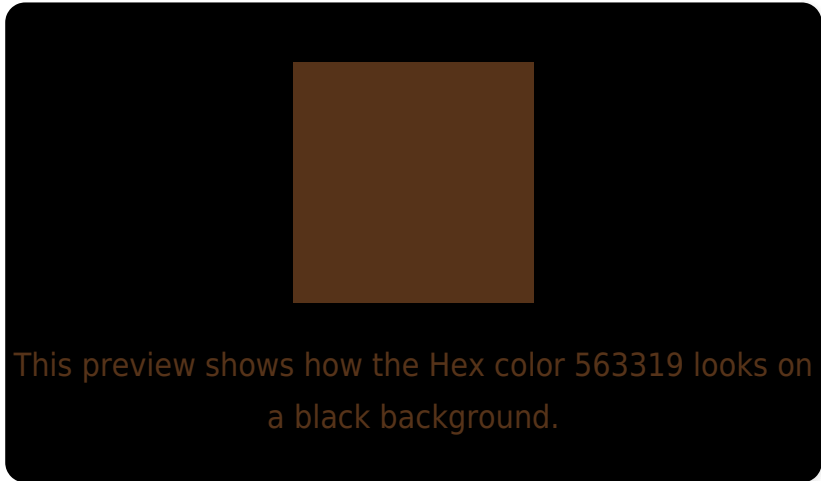
Large Text (above 18pt) WCAG AA ✓ Pass

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

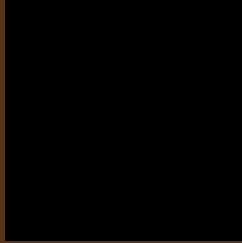
Any Text WCAG AA × Fail

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 563319 Background



This preview shows how black text looks on a background with the Hex color 563319.



This preview shows how white text looks on a background with the Hex color 563319.

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
563319

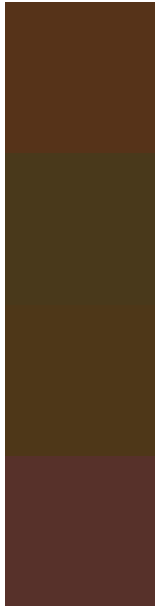
Protanopia
423C1C

Deuteranopia
4A3917



Tritanopia
583034

Trichromacy



Original Color
563319

Protanomaly
49391B

Deuteranomaly
4E3718

Tritanomaly
57312A

Monochromacy



Original Color
563319

Achromatopsia
3B3B3B

Achromatomaly
45382F

CSS Examples

Text

The CSS property to change the color of the text to Hex 563319 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 #563319 looks like.

```
.text, #text, p{  
    color:#563319  
}
```

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 #563319 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #563319
}
```

Border

The CSS property to change the border of an element to Hex 563319 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".

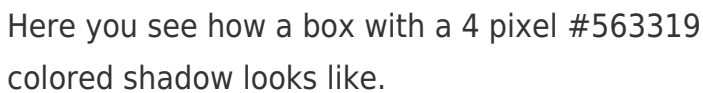
```
.border, #border, table{ border:4px solid
#563319 }
```

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

```
.border{ border-color:#563319 }
```

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

Here you see how a box with a 4 pixel #563319 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #563319; -webkit-box-shadow:4px 4px  
4px 4px #563319; box-shadow:4px 4px 4px  
4px #563319 }
```

Background

The CSS property to change the background color of an element to Hex 563319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#563319 }
```

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

```
.background{ background-color:#563319 }
```

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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