

# Converting Colors

Hex(563815)

Have a look what the booklet for  
Hex(563815) contains.

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**Color**

**Hex(563815)**

# Conversions

## Conversions Part 1

Format	Color
Hex	563815
RGB	86, 56, 21
RGB Percent	34%, 22%, 8%
CMY	0.6627, 0.7804, 0.9176
CMYK	0.00, 0.35, 0.76, 0.66
HSL	32°, 61%, 21%
HSV	32°, 76%, 34%
XYZ	5.3873, 4.8609, 1.3638
YIQ	60.9800, 29.1150, -4.5250

# Conversions

## Conversions Part 2

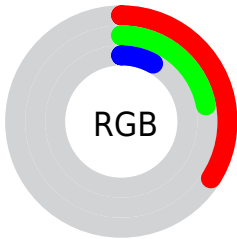
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 86, 21
Decimal	5650453
CIELab	26.33, 9.59, 26.54
CIELCh	26, 28.222, 70.142
Yxy	4.8609, 0.4639, 0.4186
Android (android.graphics.Color)	4283840533 (0xFF563815)
YUV	60.9800, -19.7101, 21.9425
Hunter-Lab	22.0475, 5.0331, 11.7658

# Details

The Hex color **563815** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **153356**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **8B6742**, and **250E00** is the 20% darker color. If you saturate the color by 10%, you get **56340C**, and if you desaturate by 10%, it is **563C1E**.

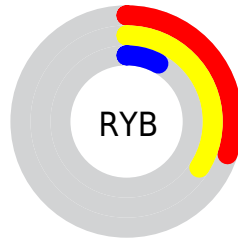
# Distribution



Red (34%)

Green (22%)

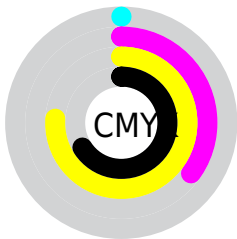
Blue (8%)



Red (30%)

Yellow (34%)

Blue (8%)

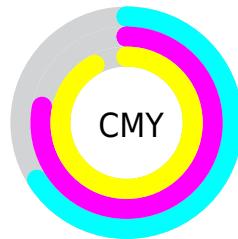


Cyan (0%)

Magenta (35%)

Yellow (76%)

Black (66%)



Cyan (66%)

Magenta (78%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 563815 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 563815 by changing the saturation by 10% instead.



 563815

 563815

 FFFFFFFA

 3E2200

 8B6742

 250E00

 A68059

 000000

 C29A72

 DFB58C

 FCD0A6

 FFEDC2

 FFFFDE

 563815

 563815

■ 56340C

■ 563C1E

■ 563004

■ 564026

■ 562E00

■ 56442F

■ 564837

■ 564C40

■ 565049

■ 565451

■ 56585A

■ 565C62

# Harmonies

## Analogous

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



633024



563815



434011

# Triad

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



563815



004945



49365F

# Complementary

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



563815



153356

# 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.



253E69



563815



004859

# Square

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



563815



05482F



004566



5E2E4D

# Rectangle

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



563815



354317



004566



3F3964



# Sweetspot

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



563815



706456



561533



383128



B8B8B8



383838



# Same Dimension

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



563815



70410A



545615



2B2927



6B3A00



EB7E00



# Inverse Universe

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



153356



0A3970



171556



27292B



00316B



006CEB



# Previews

## White Background



This preview shows how the Hex color 563815 looks on a white background.

## Color Contrast Check

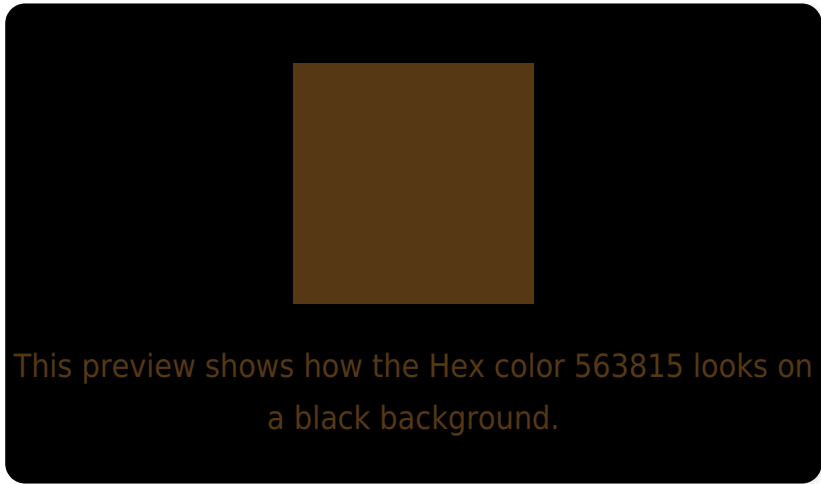
Large Text (above 18pt) WCAG AA ✓ Pass

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

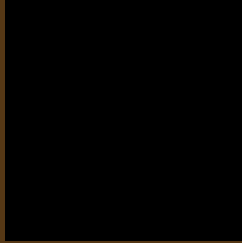
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 563815 Background



This preview shows how black text looks on a background with the Hex color 563815.



This preview shows how white text looks on a background with the Hex color 563815.

# 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**  
563815

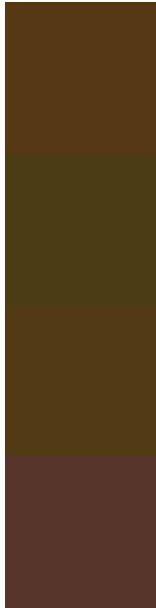
**Protanopia**  
463F17

**Deuteranopia**  
4F3C14



**Tritanopia**  
583438

# Trichromacy



**Original Color**  
563815

**Protanomaly**  
4C3C16

**Deuteranomaly**  
523B14

**Tritanomaly**  
57352B

# Monochromacy



**Original Color**  
563815

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
463B2E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 563815 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 #563815 looks like.

```
.text, #text, p{  
  color:#563815  
}
```

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 #563815 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #563815
}
```

## Border

The CSS property to change the border of an element to Hex 563815 is called "border". The border property can be set on classes, ids or directly on the HTML element.

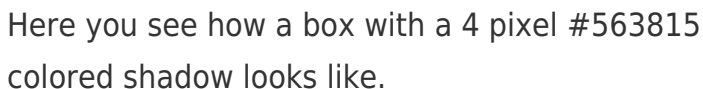
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#563815 }
```

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

```
.border{ border-color:#563815 }
```

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



Here you see how a box with a 4 pixel #563815 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #563815; -webkit-box-shadow:4px 4px  
4px 4px #563815; box-shadow:4px 4px 4px  
4px #563815 }
```

# Background

The CSS property to change the background color of an element to Hex 563815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#563815 }
```

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

```
.background{ background-color:#563815 }
```

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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