

Converting Colors

Hex(533A13)

Have a look what the booklet for
Hex(533A13) contains.

Hex(533A13)	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(533A13)

Conversions

Conversions Part 1

Format	Color
Hex	533A13
RGB	83, 58, 19
RGB Percent	33%, 23%, 7%
CMY	0.6745, 0.7725, 0.9255
CMYK	0.00, 0.30, 0.77, 0.67
HSL	37°, 63%, 20%
HSV	37°, 77%, 33%
XYZ	5.1979, 4.9121, 1.2903
YIQ	61.0290, 27.4190, -6.8290

Conversions

Conversions Part 2

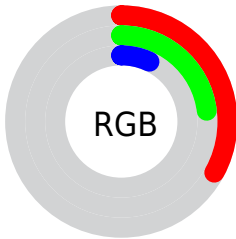
Format	Color
RYB	60, 83, 19
Decimal	5454355
CIELab	26.48, 6.67, 27.65
CIELCh	26, 28.443, 76.436
Yxy	4.9121, 0.4559, 0.4309
Android (android.graphics.Color)	4283644435 (0xFF533A13)
YUV	61.0290, -20.7203, 19.2686
Hunter-Lab	22.1633, 3.0771, 12.0627

Details

The Hex color **533A13** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **132C53**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **876940**, and **221000** is the 20% darker color. If you saturate the color by 10%, you get **53370B**, and if you desaturate by 10%, it is **533D1B**.

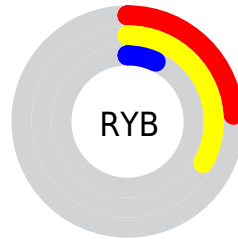
Distribution



Red (33%)

Green (23%)

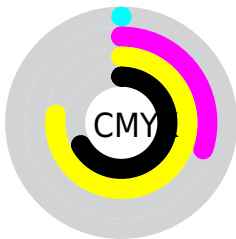
Blue (7%)



Red (24%)

Yellow (33%)

Blue (7%)

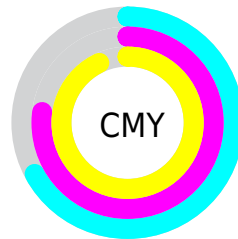


Cyan (0%)

Magenta (30%)

Yellow (77%)

Black (67%)



Cyan (67%)

Magenta (77%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 533A13 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 533A13 by changing the saturation by 10% instead.

 533A13

 533A13

 FFFFF8

 3B2400

 876940

 221000

 A28258

 000000

 BE9C70

 DBB78A

 F8D3A5

 FFEFC0

 FFFFDC

 533A13

 533A13

■ 53370B

■ 533D1B

■ 533402

■ 534024

■ 533300

■ 53442C

■ 534734

■ 534A3D

■ 534D45

■ 53514D

■ 535455

■ 53575E

Harmonies

Analogous

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



613220



533A13



3F4112

Triad

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



533A13



00494A



4F345D

Complementary

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



533A13



132C53

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.



2E3D68



533A13



00485E

Square

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



533A13



004934



004469



612D49

Rectangle

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



533A13



30451A



004469



463762

Sweetspot

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



533A13



6B6152



53132D



363027



B5B5B5



363636

Same Dimension

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



533A13



6B4407



4D5313



292725



694000



E88D00

Inverse Universe

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



132C53



072E6B



191353



252629



002969



005BE8

Previews

White Background



This preview shows how the Hex color 533A13 looks on a white background.

Color Contrast Check

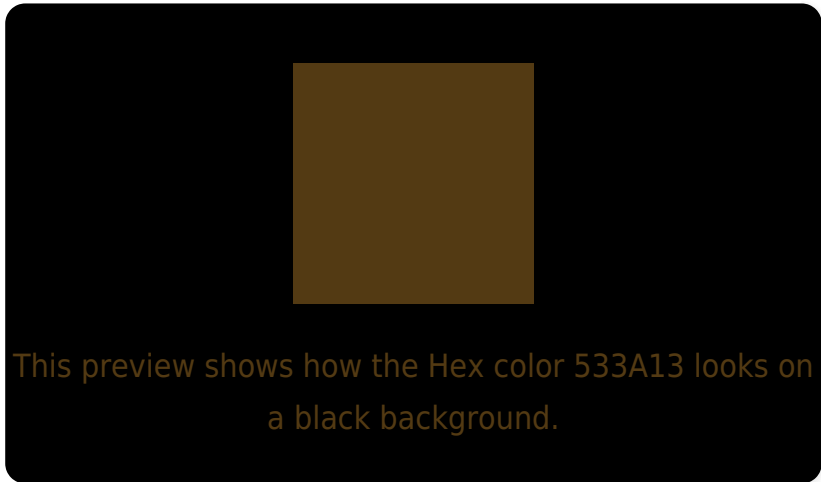
Large Text (above 18pt) WCAG AA ✓ Pass

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

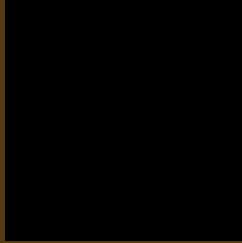
Any Text WCAG AA × Fail

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 533A13 Background



This preview shows how black text looks on a background with the Hex color 533A13.



This preview shows how white text looks on a background with the Hex color 533A13.

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
533A13

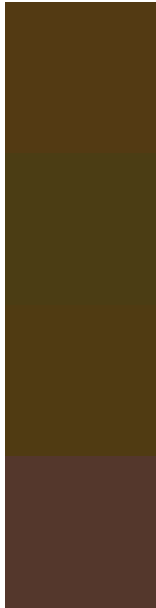
Protanopia
473F14

Deuteranopia
4F3C12



Tritanopia
55363A

Trichromacy



Original Color
533A13

Protanomaly
4B3D14

Deuteranomaly
503B12

Tritanomaly
54372C

Monochromacy



Original Color
533A13

Achromatopsia
3D3D3D

Achromatomaly
453C2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 533A13 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 #533A13 looks like.

```
.text, #text, p{  
    color:#533A13  
}
```

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 #533A13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #533A13
}
```

Border

The CSS property to change the border of an element to Hex 533A13 is called "border". The border property can be set on classes, ids or directly on the HTML element.

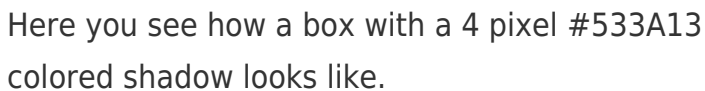
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#533A13 }
```

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

```
.border{ border-color:#533A13 }
```

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



Here you see how a box with a 4 pixel #533A13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #533A13; -webkit-box-shadow:4px 4px  
4px 4px #533A13; box-shadow:4px 4px 4px  
4px #533A13 }
```

Background

The CSS property to change the background color of an element to Hex 533A13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#533A13 }
```

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

```
.background{ background-color:#533A13 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor