

Converting Colors

Hex(533123)

Have a look what the booklet for
Hex(533123) contains.

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Color

Hex(533123)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 533123 |
| RGB | 83, 49, 35 |
| RGB Percent | 33%, 19%, 14% |
| CMY | 0.6745, 0.8078, 0.8627 |
| CMYK | 0.00, 0.41, 0.58, 0.67 |
| HSL | 18°, 41%, 23% |
| HSV | 18°, 58%, 33% |
| XYZ | 4.9690, 4.1570, 2.1306 |
| YIQ | 57.5700, 24.7580, 2.8540 |

Conversions

Conversions Part 2

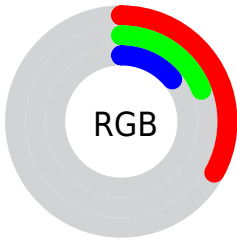
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 83, 55, 35 |
| Decimal | 5452067 |
| CIE _{Lab} | 24.18, 13.75, 15.39 |
| CIE _{LCh} | 24, 20.638, 48.211 |
| Yxy | 4.1570, 0.4414, 0.3693 |
| Android (android.graphics.Color) | 4283642147 (0xFF533123) |
| YUV | 57.5700, -11.1270, 22.3021 |
| Hunter-Lab | 20.3887, 7.8225, 8.0763 |

Details

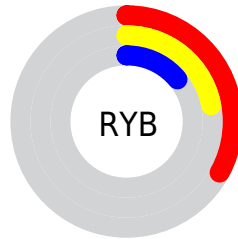
The Hex color **533123** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **234553**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **875F50**, and **240400** is the 20% darker color. If you saturate the color by 10%, you get **532B1B**, and if you desaturate by 10%, it is **53372B**.

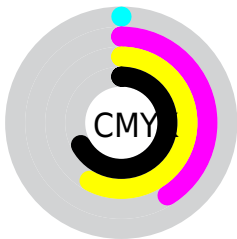
Distribution



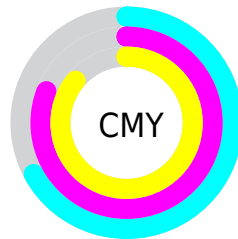
- Red (33%)
- Green (19%)
- Blue (14%)



- Red (33%)
- Yellow (22%)
- Blue (14%)



- Cyan (0%)
- Magenta (41%)
- Yellow (58%)
- Black (67%)



- Cyan (67%)
- Magenta (81%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 533123 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 533123 by changing the saturation by 10% instead.

 533123

 533123

FFFFFF

 3B1C0E

 875F50

 240400

 A27868

 000000

 BD9281

 DAAD9B

 F6C8B6

 FFE4D1

 FFFFEE

 533123

 533123

■ 532B1B

■ 53372B

■ 532512

■ 533D34

■ 531F0A

■ 53433C

■ 531902

■ 534944

■ 531800

■ 534E4D

■ 535455

■ 535A5D

■ 536065

■ 53666E

Harmonies

Analogous

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



572D31



533123



48361B

Triad

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



533123



114133



323857

Complementary

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



533123



234553

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.



133D58



533123



004243

Square

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



533123



283F24



004050



47324E

Rectangle

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



533123



3F3A1A



004050



293A58

Sweetspot

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



533123



6B5E59



532345



362E2B



B5B5B5



363636

Same Dimension

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



533123



6B3721



534923



292625



691E00



E84400

Inverse Universe

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



234553



21566B



232D53



252829



004A69



00A4E8

Previews

White Background



This preview shows how the Hex color 533123 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

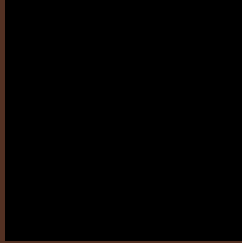
Any Text WCAG AA × Fail

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 533123 Background



This preview shows how black text looks on a background with the Hex color 533123.

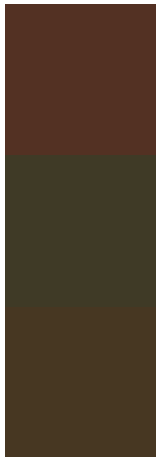


This preview shows how white text looks on a background with the Hex color 533123.

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
533123

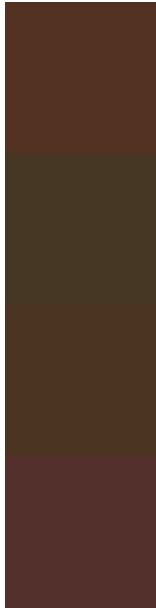
Protanopia
3F3A26

Deuteranopia
473722



Tritanopia
542F32

Trichromacy



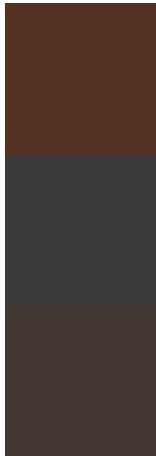
Original Color
533123

Protanomaly
463725

Deuteranomaly
4B3522

Tritanomaly
54302D

Monochromacy



Original Color
533123

Achromatopsia
3A3A3A

Achromatomaly
433732

CSS Examples

Text

The CSS property to change the color of the text to Hex 533123 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 #533123 looks like.

```
.text, #text, p{  
    color:#533123  
}
```

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 #533123 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #533123
}
```

Border

The CSS property to change the border of an element to Hex 533123 is called "border". The border property can be set on classes, ids or directly on the HTML element.

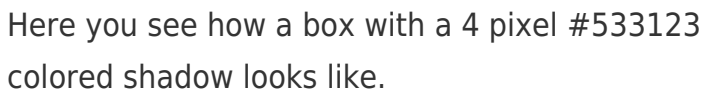
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#533123 }
```

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

```
.border{ border-color:#533123 }
```

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



Here you see how a box with a 4 pixel #533123 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #533123; -webkit-box-shadow:4px 4px  
4px 4px #533123; box-shadow:4px 4px 4px  
4px #533123 }
```

Background

The CSS property to change the background color of an element to Hex 533123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#533123 }
```

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

```
.background{ background-color:#533123 }
```

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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