

Converting Colors

Hex(533126)

Have a look what the booklet for
Hex(533126) contains.

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Color

Hex(533126)

Conversions

Conversions Part 1

Format	Color
Hex	533126
RGB	83, 49, 38
RGB Percent	33%, 19%, 15%
CMY	0.6745, 0.8078, 0.8510
CMYK	0.00, 0.41, 0.54, 0.67
HSL	15°, 37%, 24%
HSV	15°, 54%, 33%
XYZ	5.0154, 4.1756, 2.3753
YIQ	57.9120, 23.7950, 3.7870

Conversions

Conversions Part 2

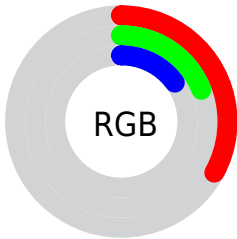
Format	Color
RYB	83, 53, 38
Decimal	5452070
CIELab	24.24, 14.08, 13.50
CIELCh	24, 19.505, 43.807
Yxy	4.1756, 0.4336, 0.3610
Android (android.graphics.Color)	4283642150 (0xFF533126)
YUV	57.9120, -9.8166, 22.0022
Hunter-Lab	20.4342, 8.0518, 7.4119

Details

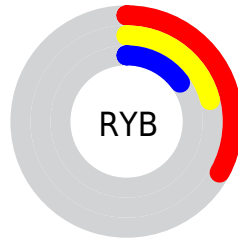
The Hex color **533126** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **264853**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **866053**, and **250400** is the 20% darker color. If you saturate the color by 10%, you get **532B1E**, and if you desaturate by 10%, it is **53372E**.

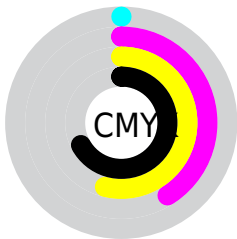
Distribution



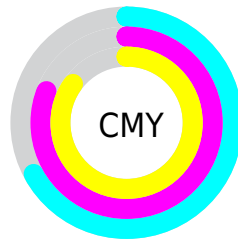
- Red (33%)
- Green (19%)
- Blue (15%)



- Red (33%)
- Yellow (21%)
- Blue (15%)



- Cyan (0%)
- Magenta (41%)
- Yellow (54%)
- Black (67%)



- Cyan (67%)
- Magenta (81%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 533126 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 533126 by changing the saturation by 10% instead.

 533126

 533126

FFFFFF

 3B1C12

 866053

 250400

 A1786B

 000000

 BD9284

 D9AD9F

 F6C8B9

 FFE4D5

 FFFFF2

 533126

 533126

■ 532B1E

■ 53372E

■ 532415

■ 533E37

■ 531E0D

■ 53443F

■ 531805

■ 534A47

■ 531400

■ 53504F

■ 535758

■ 535D60

■ 536368

■ 536971

Harmonies

Analogous

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



562E33



533126



4A361D

Triad

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



533126



184131



2F3956

Complementary

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



533126



264853

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.



123D55



533126



004140

Square

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



533126



2C3F24



00404D



44334F

Rectangle

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



533126



41391C



00404D



263A57

Sweetspot

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



533126



6B5E5A



532648



362E2B



B5B5B5



363636

Same Dimension

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



533126



6B3725



534726



292625



691A00



E83900

Inverse Universe

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



264853



255A6B



263253



252829



004F69



00AFE8

Previews

White Background



This preview shows how the Hex color 533126 looks on a white background.

Color Contrast Check

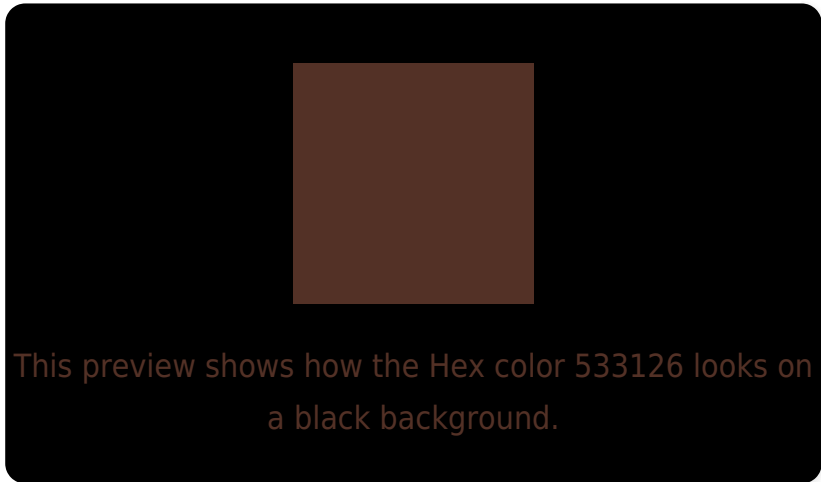
Large Text (above 18pt) WCAG AA ✓ Pass

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

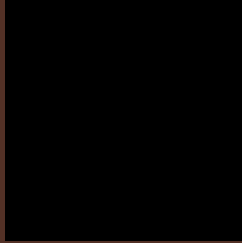
Any Text WCAG AA × Fail

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 533126 Background



This preview shows how black text looks on a background with the Hex color 533126.

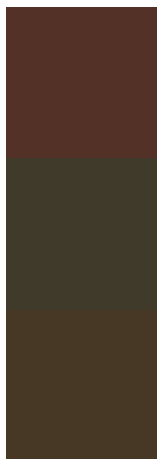


This preview shows how white text looks on a background with the Hex color 533126.

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
533126

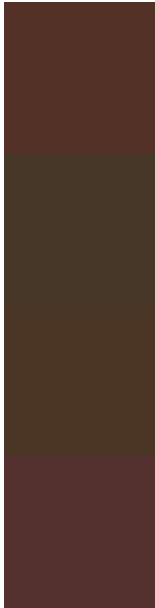
Protanopia
3F3A2A

Deuteranopia
463825



Tritanopia
542F33

Trichromacy



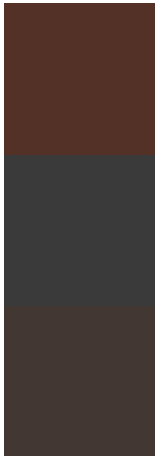
Original Color
533126

Protanomaly
463729

Deuteranomaly
4B3525

Tritanomaly
54302E

Monochromacy



Original Color
533126

Achromatopsia
3A3A3A

Achromatomaly
433733

CSS Examples

Text

The CSS property to change the color of the text to Hex 533126 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 #533126 looks like.

```
.text, #text, p{  
    color:#533126  
}
```

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 #533126 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #533126
}
```

Border

The CSS property to change the border of an element to Hex 533126 is called "border". The border property can be set on classes, ids or directly on the HTML element.

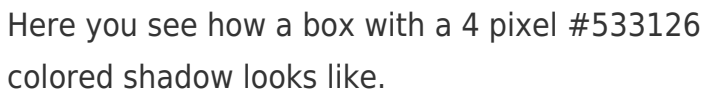
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#533126 }
```

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

```
.border{ border-color:#533126 }
```

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



Here you see how a box with a 4 pixel #533126 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #533126; -webkit-box-shadow:4px 4px  
4px 4px #533126; box-shadow:4px 4px 4px  
4px #533126 }
```

Background

The CSS property to change the background color of an element to Hex 533126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#533126 }
```

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

```
.background{ background-color:#533126 }
```

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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