

Converting Colors

Hex(533F24)

Have a look what the booklet for
Hex(533F24) contains.

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Color

Hex(533F24)

Conversions

Conversions Part 1

Format	Color
Hex	533F24
RGB	83, 63, 36
RGB Percent	33%, 25%, 14%
CMY	0.6745, 0.7529, 0.8588
CMYK	0.00, 0.24, 0.57, 0.67
HSL	34°, 39%, 23%
HSV	34°, 57%, 33%
XYZ	5.6632, 5.5214, 2.4363
YIQ	65.9020, 20.5870, -4.1570

Conversions

Conversions Part 2

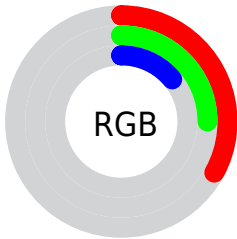
Format	Color
R_{YB}	71, 83, 36
Decimal	5455652
CIE Lab	28.17, 4.90, 19.80
CIE LCh	28, 20.396, 76.112
Yxy	5.5214, 0.4158, 0.4054
Android (android.graphics.Color)	4283645732 (0xFF533F24)
YUV	65.9020, -14.7417, 14.9949
Hunter-Lab	23.4976, 1.8999, 10.3010

Details

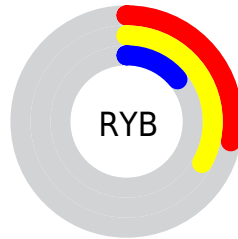
The Hex color **533F24** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **243853**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **866F51**, and **251500** is the 20% darker color. If you saturate the color by 10%, you get **533B1C**, and if you desaturate by 10%, it is **53432C**.

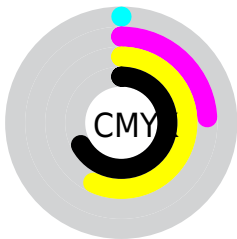
Distribution



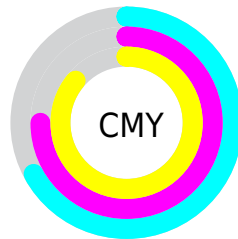
- Red (33%)
- Green (25%)
- Blue (14%)



- Red (28%)
- Yellow (33%)
- Blue (14%)



- Cyan (0%)
- Magenta (24%)
- Yellow (57%)
- Black (67%)



- Cyan (67%)
- Magenta (75%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 533F24 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 533F24 by changing the saturation by 10% instead.



533F24



533F24

FFFFFF



3B290F



866F51



251500



A1886A



000000



BCA283



D8BD9D



F5D9B8



FFF5D4



FFFFF0



533F24



533F24

■ 533B1C

■ 53432C

■ 533813

■ 534635

■ 53340B

■ 534A3D

■ 533103

■ 534D45

■ 533000

■ 53514D

■ 535456

■ 53585E

■ 535B66

■ 535F6F

Harmonies

Analogous

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



5D3A2D



533F24



444424

Triad

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



533F24



024B4B



4F3B58

Complementary

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



533F24



243853

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.



394160



533F24



004959

Square

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



533F24



1E4A3A



1D4661



5C374A

Rectangle

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



533F24



394729



1D4661



483D5C

Sweetspot

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



533F24



6B6359



532438



36312B



B5B5B5



363636

Same Dimension

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



533F24



6B4C22



505324



292725



693C00



E88500

Inverse Universe

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



243853



22416B



272453



252629



002C69



0063E8

Previews

White Background



This preview shows how the Hex color 533F24 looks on a white background.

Color Contrast Check

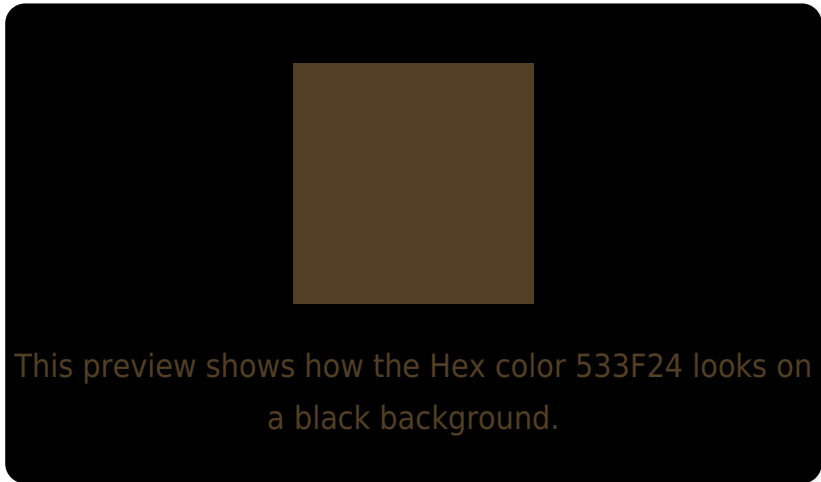
Large Text (above 18pt) WCAG AA ✓ Pass

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

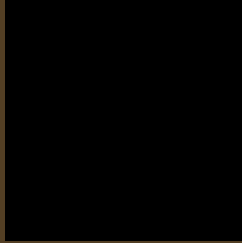
Any Text WCAG AA × Fail

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 533F24 Background



This preview shows how black text looks on a background with the Hex color 533F24.

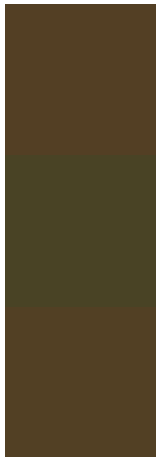


This preview shows how white text looks on a background with the Hex color 533F24.

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
533F24

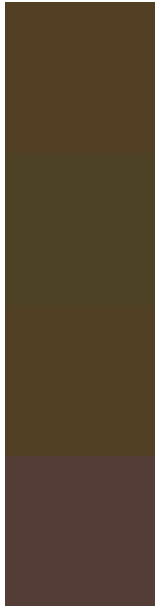
Protanopia
494325

Deuteranopia
524024



Tritanopia
553C40

Trichromacy



Original Color

533F24

Protanomaly

4D4225

Deuteranomaly

524024

Tritanomaly

543D36

Monochromacy



Original Color

533F24

Achromatopsia

424242

Achromatomaly

484137

CSS Examples

Text

The CSS property to change the color of the text to Hex 533F24 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 #533F24 looks like.

```
.text, #text, p{  
    color:#533F24  
}
```

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 #533F24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #533F24
}
```

Border

The CSS property to change the border of an element to Hex 533F24 is called "border". The border property can be set on classes, ids or directly on the HTML element.

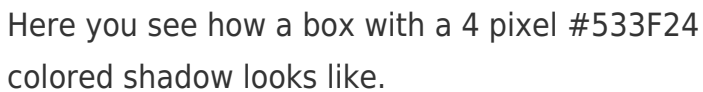
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#533F24 }
```

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

```
.border{ border-color:#533F24 }
```

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



Here you see how a box with a 4 pixel #533F24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #533F24; -webkit-box-shadow:4px 4px  
4px 4px #533F24; box-shadow:4px 4px 4px  
4px #533F24 }
```

Background

The CSS property to change the background color of an element to Hex 533F24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#533F24 }
```

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

```
.background{ background-color:#533F24 }
```

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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