

Converting Colors

Hex(533840)

Have a look what the booklet for
Hex(533840) contains.

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Color

Hex(533840)

Conversions

Conversions Part 1

Format	Color
Hex	533840
RGB	83, 56, 64
RGB Percent	33%, 22%, 25%
CMY	0.6745, 0.7804, 0.7490
CMYK	0.00, 0.33, 0.23, 0.67
HSL	342°, 19%, 27%
HSV	342°, 33%, 33%
XYZ	5.9069, 5.0375, 5.5115
YIQ	64.9850, 13.5240, 8.2120

Conversions

Conversions Part 2

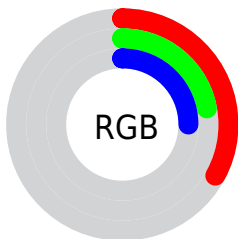
Format	Color
R_{YB}	83, 56, 64
Decimal	5453888
CIE Lab	26.84, 13.39, -0.12
CIE LCh	27, 13.390, 359.492
Yxy	5.0375, 0.3590, 0.3061
Android (android.graphics.Color)	4283643968 (0xFF533840)
YUV	64.9850, -0.4856, 15.7992
Hunter-Lab	22.4444, 7.6995, 1.1517

Details

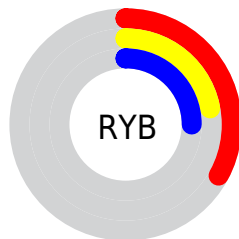
The Hex color **533840** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **38534B**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **856770**, and **250E16** is the 20% darker color. If you saturate the color by 10%, you get **53303A**, and if you desaturate by 10%, it is **534046**.

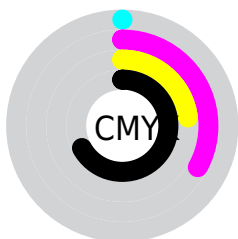
Distribution



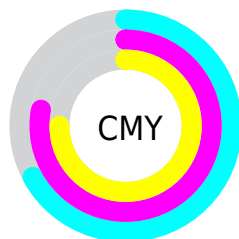
- Red (33%)
- Green (22%)
- Blue (25%)



- Red (33%)
- Yellow (22%)
- Blue (25%)



- Cyan (0%)
- Magenta (33%)
- Yellow (23%)
- Black (67%)



- Cyan (67%)
- Magenta (78%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 533840 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 533840 by changing the saturation by 10% instead.

■ 533840

■ 533840

FFFFFF

■ 3B222A

■ 856770

■ 250E16

■ 9F8089

■ 000000

■ BB9AA3

■ D6B5BE

■ F3D1DA

■ FFEDF7

■ 533840

■ 533840

■ 53303A

■ 534046

■ 532734

■ 53494C

■ 531F2E

■ 535152

■ 531729

■ 535957

■ 530E23

■ 53615D

■ 53061D

■ 536A63

■ 530019

■ 537269

■ 537A6F

■ 538375

Harmonies

Analogous

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



4C3A4A



533840



543936

Triad

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



533840



3C422D



264351

Complementary

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



533840



38534B

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.



204549



533840



304435

Square

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



533840



473F2B



26453F



324054

Rectangle

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



533840



513A30



26453F



23444F

Sweetspot

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



533840



6B6064



4B3853



362F31



B5B5B5



363636

Same Dimension

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



533840



6B414E



533D38



292526



69001F



E80045

Inverse Universe

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



533840



6B414E



384E53



292526



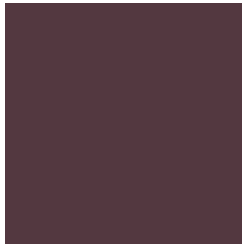
69001F



E80045

Previews

White Background



This preview shows how the Hex color 533840 looks on a white background.

Color Contrast Check

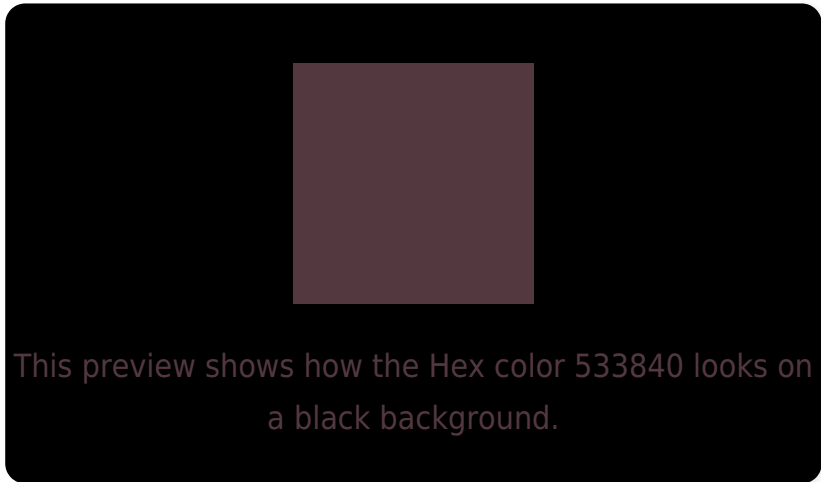
Large Text (above 18pt) WCAG AA ✓ Pass

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

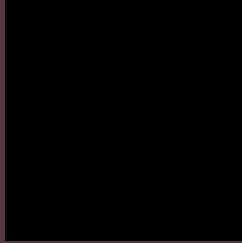
Any Text WCAG AA × Fail

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 533840 Background



This preview shows how black text looks on a background with the Hex color 533840.

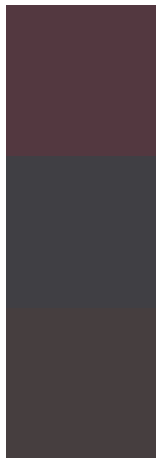


This preview shows how white text looks on a background with the Hex color 533840.

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
533840

Protanopia
403F44

Deuteranopia
463E3F



Tritanopia
53393D

Trichromacy



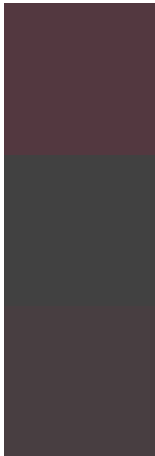
Original Color
533840

Protanomaly
473C43

Deuteranomaly
4B3C3F

Tritanomaly
53393E

Monochromacy



Original Color
533840

Achromatopsia
414141

Achromatomaly
483E41

CSS Examples

Text

The CSS property to change the color of the text to Hex 533840 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 #533840 looks like.

```
.text, #text, p{  
    color:#533840  
}
```

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 #533840 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #533840
}
```

Border

The CSS property to change the border of an element to Hex 533840 is called "border". The border property can be set on classes, ids or directly on the HTML element.

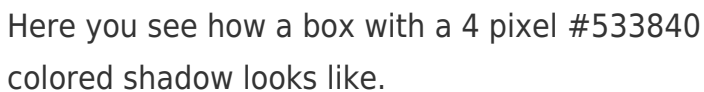
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#533840 }
```

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

```
.border{ border-color:#533840 }
```

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



Here you see how a box with a 4 pixel #533840 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #533840; -webkit-box-shadow:4px 4px  
4px 4px #533840; box-shadow:4px 4px 4px  
4px #533840 }
```

Background

The CSS property to change the background color of an element to Hex 533840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#533840 }
```

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

```
.background{ background-color:#533840 }
```

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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