

# Converting Colors

Hex(533410)

Have a look what the booklet for  
Hex(533410) contains.

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**Color**

**Hex(533410)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	533410
RGB	83, 52, 16
RGB Percent	33%, 20%, 6%
CMY	0.6745, 0.7961, 0.9373
CMYK	0.00, 0.37, 0.81, 0.67
HSL	32°, 68%, 19%
HSV	32°, 81%, 33%
XYZ	4.8888, 4.3324, 1.0688
YIQ	57.1650, 30.0320, -4.6240

# Conversions

## Conversions Part 2

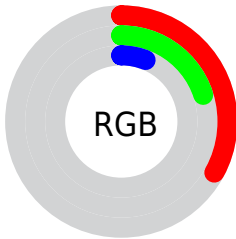
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 83, 16
Decimal	5452816
CIE Lab	24.74, 10.34, 27.42
CIE LCh	25, 29.305, 69.341
Yxy	4.3324, 0.4751, 0.4210
Android (android.graphics.Color)	4283642896 (0xFF533410)
YUV	57.1650, -20.2943, 22.6573
Hunter-Lab	20.8144, 5.5001, 11.5257

# Details

The Hex color **533410** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **102F53**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **88623C**, and **220800** is the 20% darker color. If you saturate the color by 10%, you get **533008**, and if you desaturate by 10%, it is **533818**.

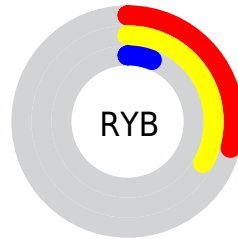
# Distribution



Red (33%)

Green (20%)

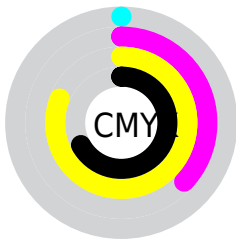
Blue (6%)



Red (29%)

Yellow (33%)

Blue (6%)

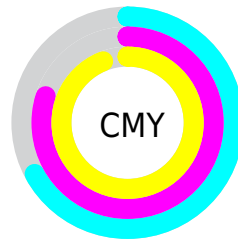


Cyan (0%)

Magenta (37%)

Yellow (81%)

Black (67%)



Cyan (67%)

Magenta (80%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 533410 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 533410 by changing the saturation by 10% instead.



 533410

 533410

 FFFFF4

 3B1F00

 88623C

 220800

 A37B54

 000000

 BF956D

 DCB086

 F9CBA0

 FFE7BC

 FFFFD7

 533410

 533410

■ 533008

■ 533818

■ 532D00

■ 533C21

■ 534029

■ 534331

■ 534739

■ 534B42

■ 534F4A

■ 535352

■ 53575B

# Harmonies

## Analogous

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



602B20



533410



403C0B

# Triad

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



533410



004641



45325D

# Complementary

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



533410



102F53

# 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.



1C3B66



533410



004556

# Square

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



533410



00442A



004164



5B294B

# Rectangle

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



533410



314011



004164



3A3561



# Sweetspot

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



533410



6B5F51



53102F



362E26



B5B5B5



363636



# Same Dimension

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



533410



6B3B03



515310



292725



693800



E87D00



# Inverse Universe

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



102F53



03336B



121053



252729



003069



006BE8



# Previews

## White Background



This preview shows how the Hex color 533410 looks on a white background.

## Color Contrast Check

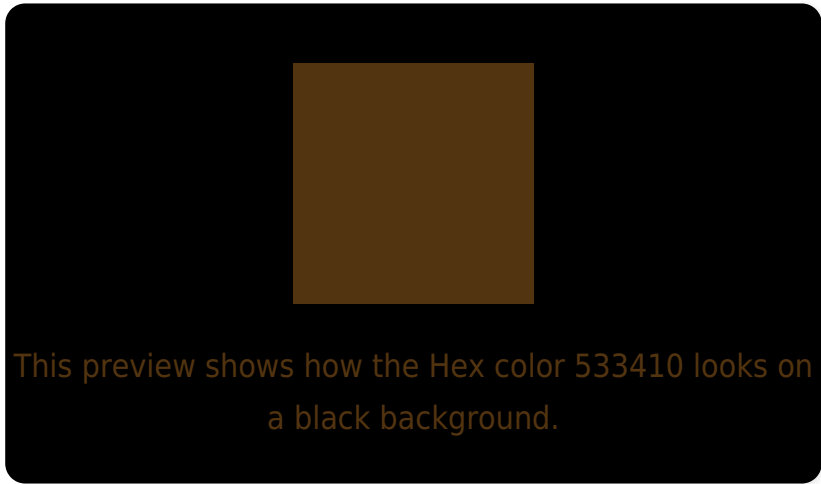
Large Text (above 18pt) WCAG AA ✓ Pass

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

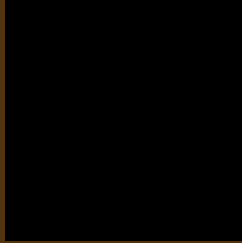
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 533410 Background



This preview shows how black text looks on a background with the Hex color 533410.



This preview shows how white text looks on a background with the Hex color 533410.

# 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**  
533410

**Protanopia**  
423B12

**Deuteranopia**  
4B380E



**Tritanopia**  
553134

# Trichromacy



**Original Color**  
533410

**Protanomaly**  
483811

**Deuteranomaly**  
4E370F

**Tritanomaly**  
543227

# Monochromacy



**Original Color**  
533410

**Achromatopsia**  
393939

**Achromatomaly**  
42372A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 533410 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 #533410 looks like.

```
.text, #text, p{  
    color:#533410  
}
```

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 #533410 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #533410
}
```

## Border

The CSS property to change the border of an element to Hex 533410 is called "border". The border property can be set on classes, ids or directly on the HTML element.

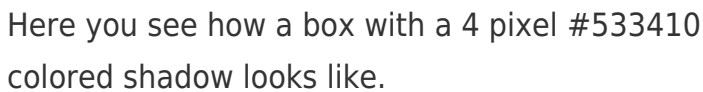
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#533410 }
```

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

```
.border{ border-color:#533410 }
```

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



Here you see how a box with a 4 pixel #533410 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #533410; -webkit-box-shadow:4px 4px  
4px 4px #533410; box-shadow:4px 4px 4px  
4px #533410 }
```

# Background

The CSS property to change the background color of an element to Hex 533410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#533410 }
```

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

```
.background{ background-color:#533410 }
```

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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