

# Converting Colors

Hex(534614)

Have a look what the booklet for  
Hex(534614) contains.

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**Color**

**Hex(534614)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	534614
RGB	83, 70, 20
RGB Percent	33%, 27%, 8%
CMY	0.6745, 0.7255, 0.9216
CMYK	0.00, 0.16, 0.76, 0.67
HSL	48°, 61%, 20%
HSV	48°, 76%, 33%
XYZ	5.8837, 6.2698, 1.5619
YIQ	68.1870, 23.7980, -12.7940

# Conversions

## Conversions Part 2

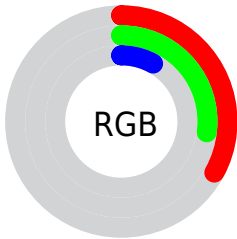
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 83, 20
Decimal	5457428
CIELab	30.08, -0.84, 30.86
CIElCh	30, 30.870, 91.565
Yxy	6.2698, 0.4290, 0.4571
Android (android.graphics.Color)	4283647508 (0xFF534614)
YUV	68.1870, -23.7562, 12.9910
Hunter-Lab	25.0396, -1.8761, 13.8294

# Details

The Hex color **534614** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **142153**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **877642**, and **231B00** is the 20% darker color. If you saturate the color by 10%, you get **53440C**, and if you desaturate by 10%, it is **53481C**.

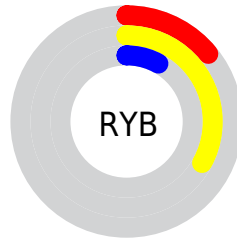
# Distribution



Red (33%)

Green (27%)

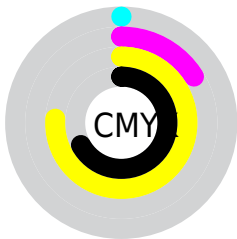
Blue (8%)



Red (14%)

Yellow (33%)

Blue (8%)

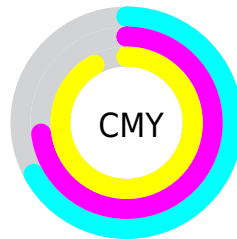


Cyan (0%)

Magenta (16%)

Yellow (76%)

Black (67%)



Cyan (67%)

Magenta (73%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 534614 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 534614 by changing the saturation by 10% instead.



 534614

 534614

FFFFFFC

 3B3000

 877642

 231B00

 A2905A

 000100

 BDAA73

 000000

 DAC58D

 F7E1A8

 FFFEC3

 FFFFDF

 534614

 534614

■ 53440C

■ 53481C

■ 534303

■ 534925

■ 534200

■ 534B2D

■ 534D35

■ 534F3D

■ 535046

■ 53524E

■ 535456

■ 53555F

# Harmonies

## Analogous

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



663D1C



534614



3B4D1C

# Triad

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



534614



00525F



65365E

# Complementary

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



534614



142153

# 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.



494070



534614



004F71

# Square

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



534614



005347



164977



723247

# Rectangle

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



534614



265028



164977



5E3965



# Sweetspot

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



534614



6B6652



531422



363227



B5B5B5



363636



# Same Dimension

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



534614



6B570A



415314



292825



695300



E8B800



# Inverse Universe

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



142153



0A1E6B



261453



252629



001669

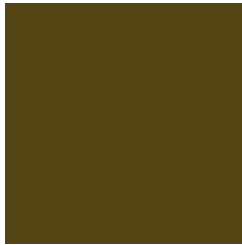


0030E8



# Previews

## White Background



This preview shows how the Hex color 534614 looks on a white background.

## Color Contrast Check

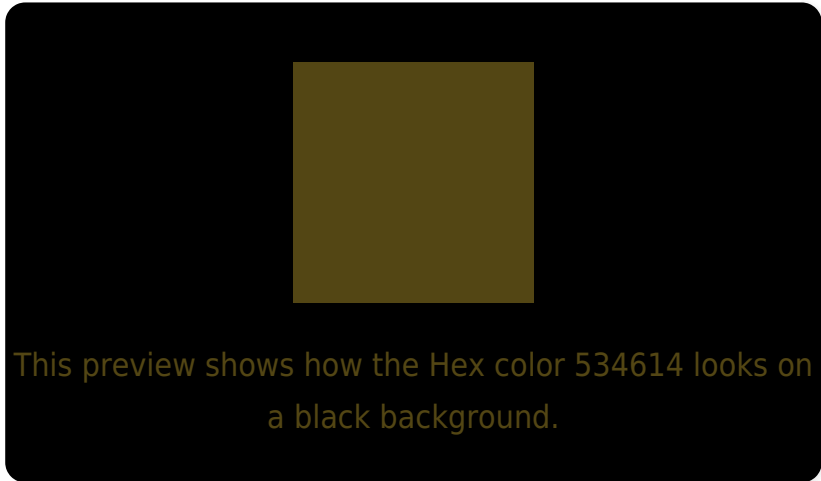
Large Text (above 18pt) WCAG AA ✓ Pass

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

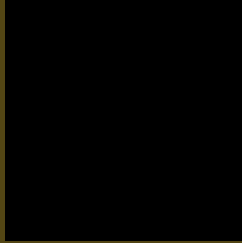
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 534614 Background



This preview shows how black text looks on a background with the Hex color 534614.



This preview shows how white text looks on a background with the Hex color 534614.

# 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**  
534614

**Protanopia**  
504714

**Deuteranopia**  
594315



**Tritanopia**  
574146

# Trichromacy



**Original Color**  
534614

**Protanomaly**  
514714

**Deuteranomaly**  
574415

**Tritanomaly**  
564334

# Monochromacy



**Original Color**  
534614

**Achromatopsia**  
444444

**Achromatomaly**  
494533

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 534614 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 #534614 looks like.

```
.text, #text, p{  
    color:#534614  
}
```

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 #534614 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #534614
}
```

## Border

The CSS property to change the border of an element to Hex 534614 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
#534614 }
```

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

```
.border{ border-color:#534614 }
```

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

Here you see how a box with a 4 pixel #534614 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #534614; -webkit-box-shadow:4px 4px  
4px 4px #534614; box-shadow:4px 4px 4px  
4px #534614 }
```

# Background

The CSS property to change the background color of an element to Hex 534614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#534614 }
```

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

```
.background{ background-color:#534614 }
```

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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