

# Converting Colors

Hex(594346)

Have a look what the booklet for  
Hex(594346) contains.

<b>Hex(594346)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(594346)**

# Conversions

## Conversions Part 1

Format	Color
Hex	594346
RGB	89, 67, 70
RGB Percent	35%, 26%, 27%
CMY	0.6510, 0.7373, 0.7255
CMYK	0.00, 0.25, 0.21, 0.65
HSL	352°, 14%, 31%
HSV	352°, 25%, 35%
XYZ	7.2325, 6.5804, 6.6833
YIQ	73.9200, 12.1490, 5.5970

# Conversions

## Conversions Part 2

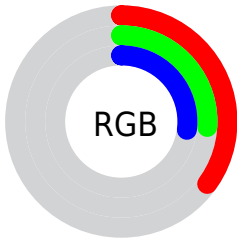
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 67, 70
Decimal	5849926
CIE <sub>Lab</sub>	30.83, 10.02, 1.85
CIE <sub>LCh</sub>	31, 10.186, 10.471
Yxy	6.5804, 0.3529, 0.3211
Android (android.graphics.Color)	4284040006 (0xFF594346)
YUV	73.9200, -1.9326, 13.2252
Hunter-Lab	25.6522, 5.4356, 2.5094

# Details

The Hex color **594346** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **435956**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **8B7376**, and **2B181B** is the 20% darker color. If you saturate the color by 10%, you get **593A3E**, and if you desaturate by 10%, it is **594C4E**.

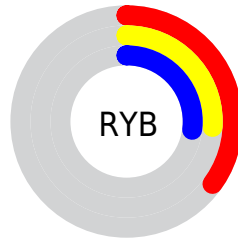
# Distribution



 Red (35%)

 Green (26%)

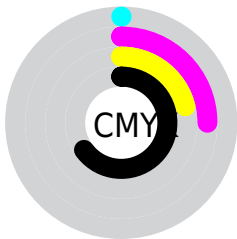
 Blue (27%)



 Red (35%)

 Yellow (26%)

 Blue (27%)

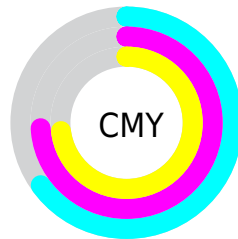


 Cyan (0%)

 Magenta (25%)

 Yellow (21%)

 Black (65%)



 Cyan (65%)

 Magenta (74%)

 Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 594346 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 594346 by changing the saturation by 10% instead.





594346



594346

FFFFFF



412D30



8B7376



2B181B



A68D90



180000



C1A7AA



000000



DDC2C6



FADEE2



FFBFBE



594346



594346



593A3E



594C4E

■ 593137

■ 595555

■ 59282F

■ 595E5D

■ 591F27

■ 596765

■ 591720

■ 59706C

■ 590E18

■ 597874

■ 590510

■ 59817C

■ 59000C

■ 598A83

■ 59938B

# Harmonies

## Analogous

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



55444E



594346



58443F

# Triad

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



594346



434B3C



394B57

# Complementary

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



594346



435956

# 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.



344D53



594346



3A4D43

# Square

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



594346



4C4939



344D4B



434858

# Rectangle

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



594346



55453B



344D4B



374B56



# Sweetspot

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



594346



736B6C



564359



3B3637



BABABA



3B3B3B



# Same Dimension

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



594346



735055



594B43



2B2728



6B000F



EB0020



# Inverse Universe

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



594346



735055



435159



2B2728



6B000F

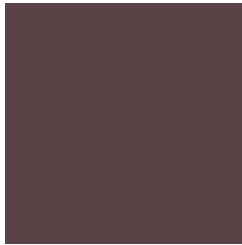


EB0020



# Previews

## White Background



This preview shows how the Hex color 594346 looks on a white background.

## Color Contrast Check

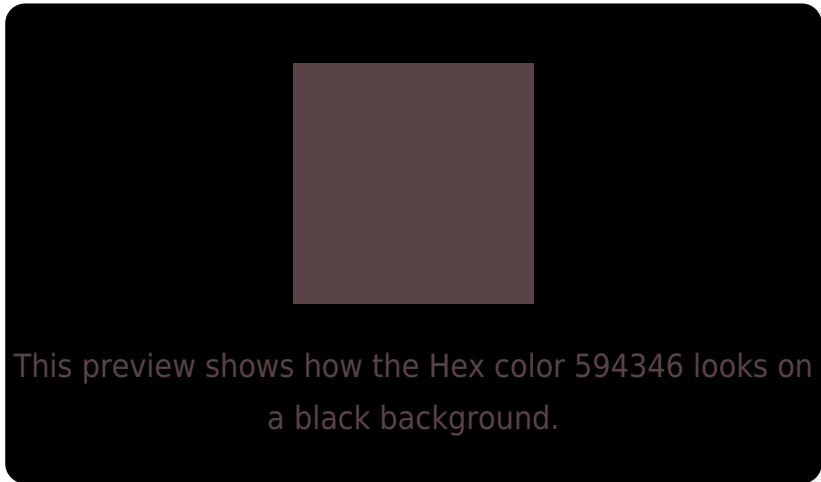
Large Text (above 18pt) WCAG AA ✓ Pass

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

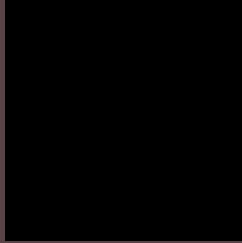
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 594346 Background



This preview shows how black text looks on a background with the Hex color 594346.

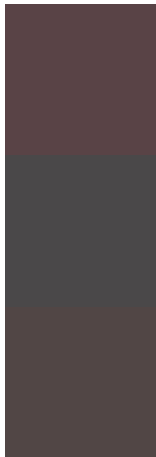


This preview shows how white text looks on a background with the Hex color 594346.

# 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**  
594346

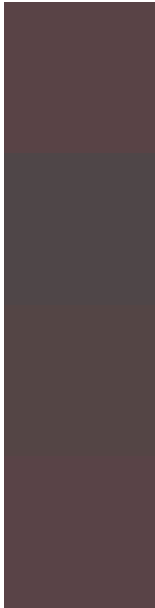
**Protanopia**  
4A4849

**Deuteranopia**  
514645



**Tritanopia**  
594348

# Trichromacy



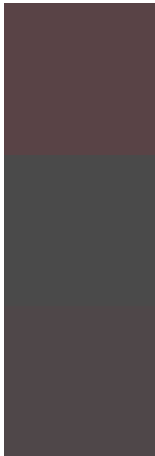
**Original Color**  
594346

**Protanomaly**  
4F4648

**Deuteranomaly**  
544545

**Tritanomaly**  
594347

# Monochromacy



**Original Color**  
594346

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
4F4749

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 594346 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 #594346 looks like.

```
.text, #text, p{  
    color:#594346  
}
```

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 #594346 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #594346
}
```

## Border

The CSS property to change the border of an element to Hex 594346 is called "border". The border property can be set on classes, ids or directly on the HTML element.

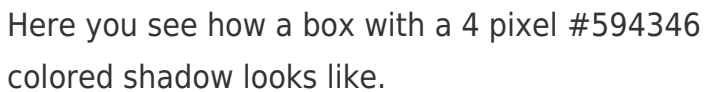
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#594346 }
```

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

```
.border{ border-color:#594346 }
```

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



Here you see how a box with a 4 pixel #594346 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #594346; -webkit-box-shadow:4px 4px  
4px 4px #594346; box-shadow:4px 4px 4px  
4px #594346 }
```

# Background

The CSS property to change the background color of an element to Hex 594346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#594346 }
```

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

```
.background{ background-color:#594346 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor