

# Converting Colors

Hex(593945)

Have a look what the booklet for  
Hex(593945) contains.

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# Color

**Hex(593945)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	593945
RGB	89, 57, 69
RGB Percent	35%, 22%, 27%
CMY	0.6510, 0.7765, 0.7294
CMYK	0.00, 0.36, 0.22, 0.65
HSL	338°, 22%, 29%
HSV	338°, 36%, 35%
XYZ	6.6571, 5.4798, 6.3371
YIQ	67.9360, 15.2200, 10.5160

# Conversions

## Conversions Part 2

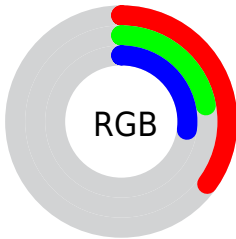
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 57, 69
Decimal	5847365
CIELab	28.06, 16.19, -1.54
CIElCh	28, 16.263, 354.563
Yxy	5.4798, 0.3604, 0.2966
Android (android.graphics.Color)	4284037445 (0xFF593945)
YUV	67.9360, 0.5246, 18.4731
Hunter-Lab	23.4089, 9.7970, 0.3358

# Details

The Hex color **593945** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **39594D**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **8C6875**, and **2A0E1A** is the 20% darker color. If you saturate the color by 10%, you get **59303F**, and if you desaturate by 10%, it is **59424B**.

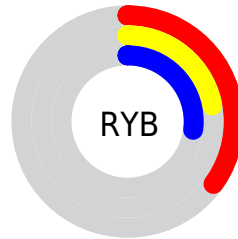
# Distribution



Red (35%)

Green (22%)

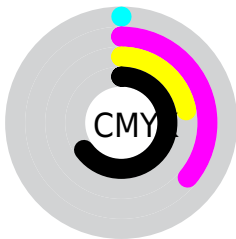
Blue (27%)



Red (35%)

Yellow (22%)

Blue (27%)

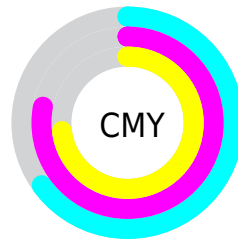


Cyan (0%)

Magenta (36%)

Yellow (22%)

Black (65%)



Cyan (65%)

Magenta (78%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 593945 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 593945 by changing the saturation by 10% instead.



■ 593945

■ 593945

FFFFFF

■ 41232F

■ 8C6875

■ 2A0E1A

■ A6828F

■ 120000

■ C29CA9

■ 000000

■ DEB7C4

■ FBD3E0

■ FFEFFD

■ 593945

■ 593945

■ 59303F

■ 59424B

■ 59273A

■ 594B50

■ 591E34

■ 595456

■ 59152F

■ 595D5B

■ 590D29

■ 596661

■ 590424

■ 596E66

■ 590021

■ 59776C

■ 598071

■ 598977

# Harmonies

## Analogous

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



503C51



593945



5B3938

# Triad

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



593945



40452B



1D4756

# Complementary

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



593945



39594D

# 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.



19494C



593945



324733

# Square

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



593945



4D4129



23493F



2E445B

# Rectangle

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



593945



593B31



23493F



1A4853



# Sweetspot

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



593945



73666B



4D3959



3B3336



BABABA



3B3B3B



# Same Dimension

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



593945



734154



593D39



2B2729



6B0028



EB0058



# Inverse Universe

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



593945



734154



395559



2B2729



6B0028

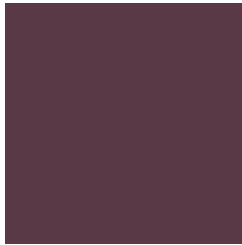


EB0058



# Previews

## White Background



This preview shows how the Hex color 593945 looks on a white background.

## Color Contrast Check

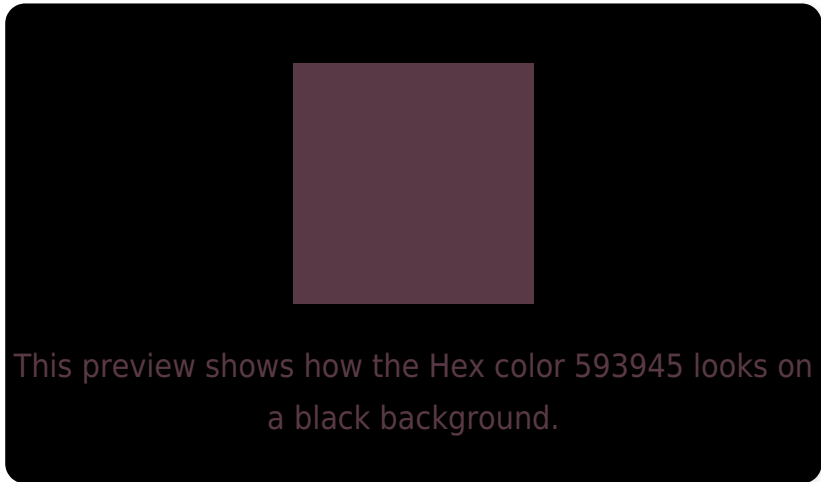
Large Text (above 18pt) WCAG AA ✓ Pass

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

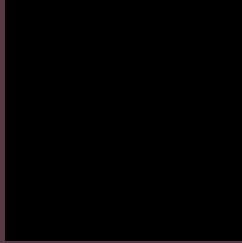
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 593945 Background



This preview shows how black text looks on a background with the Hex color 593945.



This preview shows how white text looks on a background with the Hex color 593945.

# 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](#).

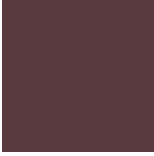
## Dichromacy



**Original Color**  
593945

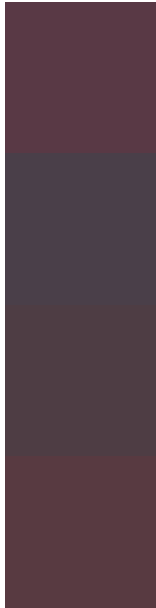
**Protanopia**  
41424B

**Deuteranopia**  
484044



**Tritanopia**  
583A3F

# Trichromacy



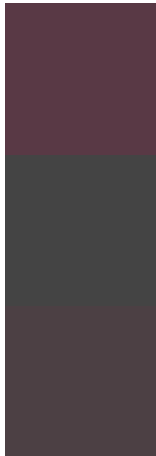
**Original Color**  
593945

**Protanomaly**  
4A3F49

**Deuteranomaly**  
4E3D44

**Tritanomaly**  
583A41

# Monochromacy



**Original Color**  
593945

**Achromatopsia**  
444444

**Achromatomaly**  
4C4044

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 593945 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 #593945 looks like.

```
.text, #text, p{  
    color:#593945  
}
```

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 #593945 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #593945
}
```

## Border

The CSS property to change the border of an element to Hex 593945 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
#593945 }
```

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

```
.border{ border-color:#593945 }
```

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

Here you see how a box with a 4 pixel #593945 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #593945; -webkit-box-shadow:4px 4px  
4px 4px #593945; box-shadow:4px 4px 4px  
4px #593945 }
```

# Background

The CSS property to change the background color of an element to Hex 593945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#593945 }
```

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

```
.background{ background-color:#593945 }
```

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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