

# Converting Colors

Hex(95934D)

Have a look what the booklet for  
Hex(95934D) contains.

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**Color**

**Hex(95934D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	95934D
RGB	149, 147, 77
RGB Percent	58%, 58%, 30%
CMY	0.4157, 0.4235, 0.6980
CMYK	0.00, 0.01, 0.48, 0.42
HSL	58°, 32%, 44%
HSV	58°, 48%, 58%
XYZ	24.1677, 27.7928, 11.1120
YIQ	139.6180, 23.6620, -21.3460

# Conversions

## Conversions Part 2

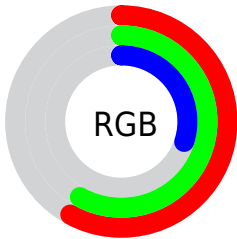
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 149, 77
Decimal	9802573
CIE Lab	59.70, -9.53, 37.06
CIE LCh	60, 38.263, 104.428
Yxy	27.7928, 0.3832, 0.4406
Android (android.graphics.Color)	4287992653 (0xFF95934D)
YUV	139.6180, -30.8707, 8.2280
Hunter-Lab	52.7189, -10.4291, 24.4062

# Details

The Hex color **95934D** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **4D4F95**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **CCC980**, and **60611D** is the 20% darker color. If you saturate the color by 10%, you get **95933E**, and if you desaturate by 10%, it is **95935C**.

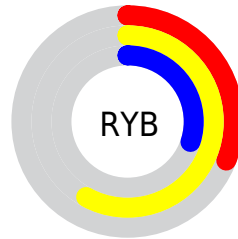
# Distribution



Red (58%)

Green (58%)

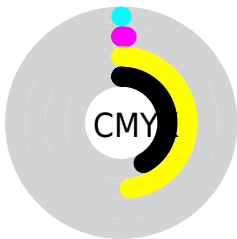
Blue (30%)



Red (31%)

Yellow (58%)

Blue (30%)

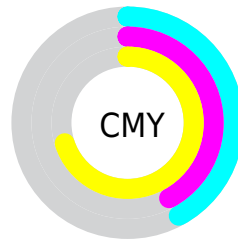


Cyan (0%)

Magenta (1%)

Yellow (48%)

Black (42%)



Cyan (42%)

Magenta (42%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95934D 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 95934D by changing the saturation by 10% instead.



 95934D

 95934D

FFFFFF

 7A7935

 CCC980

 60611D

 E9E59A

 474903

 FFFFB5

 303300

 FFFFD1

 171E00

 FFFFEE

 000000

 95934D

 95934D

 95933E

 95935C

 95922F

 95946B

 959220

 95947A

 959111

 959589

 959102

 959598

 959100

 9595A6

 9596B5

 9596C4

 9597D3

# Harmonies

## Analogous

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



B4884F



95934D



6F9B5E

# Triad

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



95934D



009FBE



C677A3

# Complementary

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



95934D



4D4F95

# 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.



A881C0



95934D



3298D0

# Square

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



95934D



00A19F



788ED1



D17581

# Rectangle

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



95934D



529F72



788ED1



BE7AAD



# Sweetspot

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



95934D



C2C1A7



954D4F



616050



E0E0E0



616161



# Same Dimension

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



95934D



C2BF51



73954D



4A4A43



8A8600



0A0A00



# Inverse Universe

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



4D4F95



5155C2



6F4D95



43434A



00048A



00000A



# Previews

## White Background



This preview shows how the Hex color 95934D looks on a white background.

## Color Contrast Check

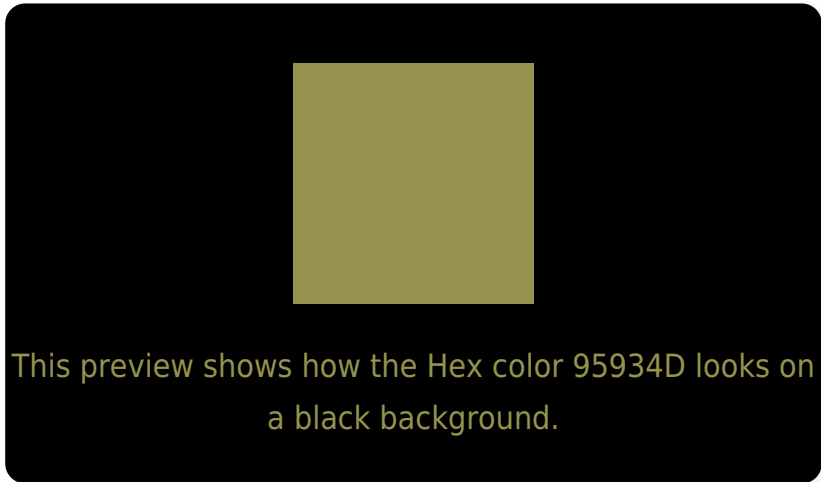
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

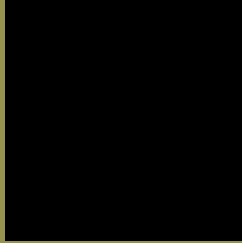
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 95934D Background



This preview shows how black text looks on a background with the Hex color 95934D.



This preview shows how white text looks on a background with the Hex color 95934D.

# 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**  
95934D

**Protanopia**  
9E904C

**Deuteranopia**  
B0894F



**Tritanopia**  
9D8B96

# Trichromacy



**Original Color**  
95934D

**Protanomaly**  
9B914C

**Deuteranomaly**  
A68D4E

**Tritanomaly**  
9A8E7B

# Monochromacy



**Original Color**  
95934D

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
8F8F75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95934D 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 #95934D looks like.

```
.text, #text, p{  
    color:#95934D  
}
```

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 #95934D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95934D
}
```

## Border

The CSS property to change the border of an element to Hex 95934D 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
#95934D }
```

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

```
.border{ border-color:#95934D }
```

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

Here you see how a box with a 4 pixel #95934D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95934D; -webkit-box-shadow:4px 4px  
4px 4px #95934D; box-shadow:4px 4px 4px  
4px #95934D }
```

# Background

The CSS property to change the background color of an element to Hex 95934D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95934D }
```

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

```
.background{ background-color:#95934D }
```

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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