

# Converting Colors

Hex(934E06)

Have a look what the booklet for  
Hex(934E06) contains.

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**Color**

**Hex(934E06)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	934E06
RGB	147, 78, 6
RGB Percent	58%, 31%, 2%
CMY	0.4235, 0.6941, 0.9765
CMYK	0.00, 0.47, 0.96, 0.42
HSL	31°, 92%, 30%
HSV	31°, 96%, 58%
XYZ	14.7899, 11.6650, 1.6443
YIQ	90.4230, 64.2360, -7.7640

# Conversions

## Conversions Part 2

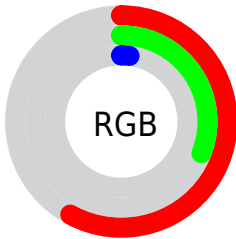
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	141, 147, 6
Decimal	9653766
CIE <sub>Lab</sub>	40.68, 24.63, 48.29
CIE <sub>LCh</sub>	41, 54.205, 62.975
Yxy	11.6650, 0.5263, 0.4151
Android (android.graphics.Color)	4287843846 (0xFF934E06)
YUV	90.4230, -41.6205, 49.6180
Hunter-Lab	34.1540, 17.5272, 21.0533

# Details

The Hex color **934E06** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **064B93**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **CE803C**, and **5A2000** is the 20% darker color. If you saturate the color by 10%, you get **934B00**, and if you desaturate by 10%, it is **935515**.

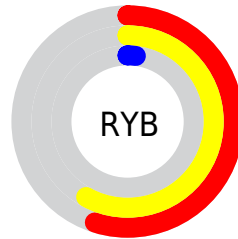
# Distribution



Red (58%)

Green (31%)

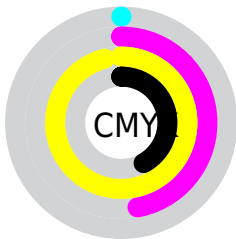
Blue (2%)



Red (55%)

Yellow (58%)

Blue (2%)

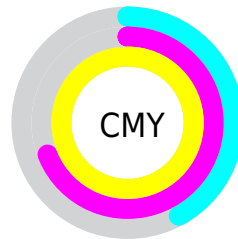


Cyan (0%)

Magenta (47%)

Yellow (96%)

Black (42%)



Cyan (42%)

Magenta (69%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 934E06 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 934E06 by changing the saturation by 10% instead.



 934E06

 934E06

 FFFFF8

 763600

 CE803C

 5A2000

 ED9A55

 3E0900

 FFB56E

 270001

 FFD189

 000000

 FFEDA3

 FFFFBF

 FFFFDB

 934E06

 934E06

■ 934B00

■ 935515

■ 935C23

■ 936432

■ 936B41

■ 937250

■ 93795E

■ 93806D

■ 93887C

■ 938F8A

# Harmonies

## Analogous

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



A93932



934E06



705F00

# Triad

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



934E06



007463



6452AB

# Complementary

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



934E06



064B93

# 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.



0064B9



934E06



00738F

# Square

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



934E06



007135



006FAF



983C89

# Rectangle

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



934E06



536800



006FAF



4759B2



# Sweetspot

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



934E06



BFA488



93064D



61503F



E0E0E0



616161



# Same Dimension

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



934E06



BF6200



939306



4A4643



8A4600



0A0500



# Inverse Universe

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



064B93



005EBF



060693



43464A



00438A

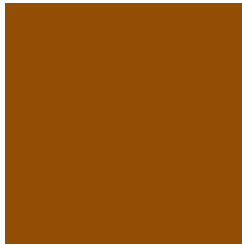


00050A



# Previews

## White Background



This preview shows how the Hex color 934E06 looks on a white background.

## Color Contrast Check

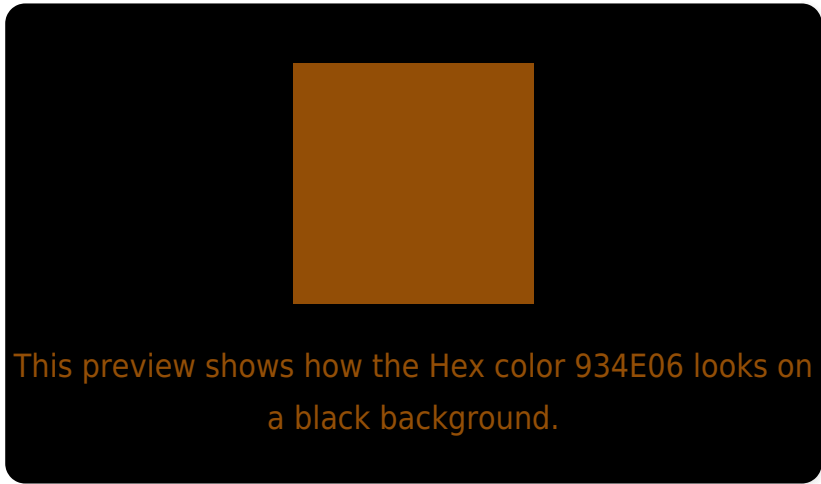
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 934E06 Background



This preview shows how black text looks on a background with the Hex color 934E06.



This preview shows how white text looks on a background with the Hex color 934E06.

# 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**  
934E06

**Protanopia**  
6D610E

**Deuteranopia**  
7A5C00



**Tritanopia**  
96494E

# Trichromacy



**Original Color**  
934E06

**Protanomaly**  
7B5A0B

**Deuteranomaly**  
835702

**Tritanomaly**  
954B34

# Monochromacy



**Original Color**  
934E06

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
6F563B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 934E06 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 #934E06 looks like.

```
.text, #text, p{  
    color:#934E06  
}
```

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 #934E06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #934E06
}
```

## Border

The CSS property to change the border of an element to Hex 934E06 is called "border". The border property can be set on classes, ids or directly on the HTML element.

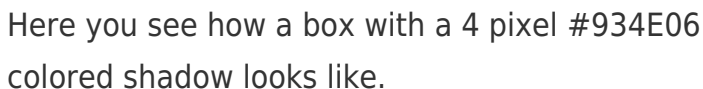
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#934E06 }
```

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

```
.border{ border-color:#934E06 }
```

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



Here you see how a box with a 4 pixel #934E06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #934E06; -webkit-box-shadow:4px 4px  
4px 4px #934E06; box-shadow:4px 4px 4px  
4px #934E06 }
```

# Background

The CSS property to change the background color of an element to Hex 934E06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#934E06 }
```

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

```
.background{ background-color:#934E06 }
```

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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