

# Converting Colors

Hex(904E00)

Have a look what the booklet for  
Hex(904E00) contains.

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**Color**

**Hex(904E00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	904E00
RGB	144, 78, 0
RGB Percent	56%, 31%, 0%
CMY	0.4353, 0.6941, 1.0000
CMYK	0.00, 0.46, 1.00, 0.44
HSL	33°, 100%, 28%
HSV	33°, 100%, 56%
XYZ	14.2260, 11.3781, 1.4464
YIQ	88.8420, 64.3740, -10.2660

# Conversions

## Conversions Part 2

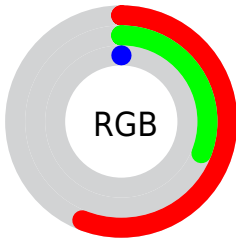
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 144, 0
Decimal	9457152
CIE <sub>Lab</sub>	40.21, 23.19, 49.55
CIE <sub>LCh</sub>	40, 54.704, 64.922
Yxy	11.3781, 0.5259, 0.4206
Android (android.graphics.Color)	4287647232 (0xFF904E00)
YUV	88.8420, -43.7991, 48.3736
Hunter-Lab	33.7314, 16.2512, 21.0696

# Details

The Hex color **904E00** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **004290**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **CB8038**, and **572000** is the 20% darker color. If you saturate the color by 10%, you get **904E00**, and if you desaturate by 10%, it is **90550E**.

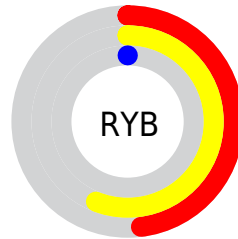
# Distribution



Red (56%)

Green (31%)

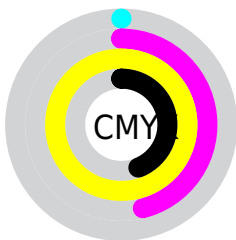
Blue (0%)



Red (48%)

Yellow (56%)

Blue (0%)

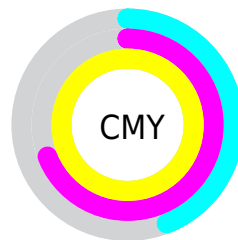


Cyan (0%)

Magenta (46%)

Yellow (100%)

Black (44%)



Cyan (44%)

Magenta (69%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 904E00 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 904E00 by changing the saturation by 10% instead.



 904E00

 904E00

 FFFFF4

 733700

 CB8038

 572000

 EA9A51

 3C0A00

 FFB56B

 250001

 FFD085

 000000

 FFEDA0

 FFFFBB

 FFFFD7

 904E00

 90550E

 905B1D

 90622B

 90683A

 906F48

 907656

 907C65

 908373

 908982

# Harmonies

## Analogous

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



A8392E



904E00



6C5F00

# Triad

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



904E00



007365



674FA9

# Complementary

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



904E00



004290

# 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.



0062B9



904E00



007291

# Square

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



904E00



007036



006DB0



993886

# Rectangle

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



904E00



4F6700



006DB0



4C56B1



# Sweetspot

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



904E00



BAA182



900043



5E4F3C



DEDEDE



5E5E5E



# Same Dimension

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



904E00



BA6500



8B9000



474440



874900



080400



# Inverse Universe

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



004290



0055BA



050090



404447



003E87

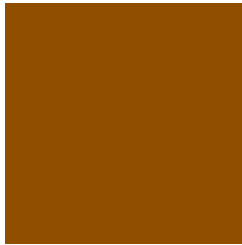


000408



# Previews

## White Background



This preview shows how the Hex color 904E00 looks on a white background.

## Color Contrast Check

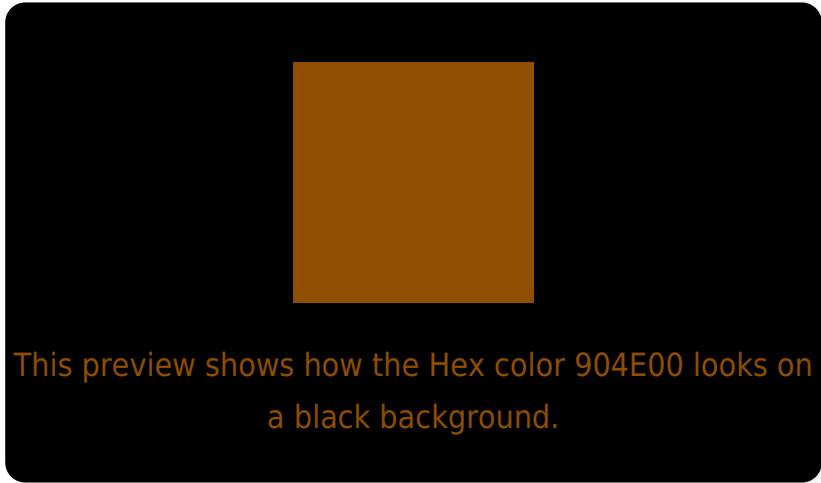
Large Text (above 18pt) WCAG AA ✓ Pass

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 904E00 Background



This preview shows how black text looks on a background with the Hex color 904E00.



This preview shows how white text looks on a background with the Hex color 904E00.

# 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**  
904E00

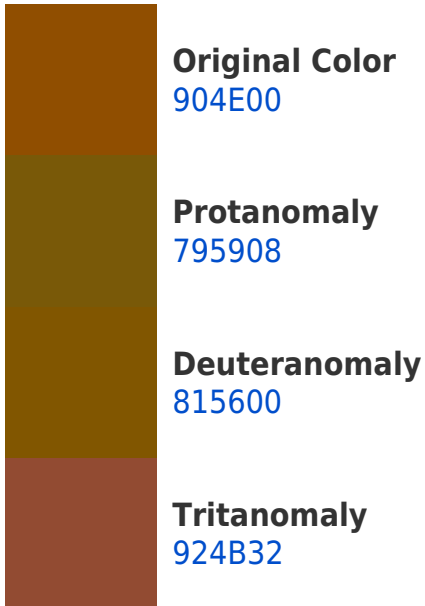
**Protanopia**  
6C600C

**Deuteranopia**  
795B00

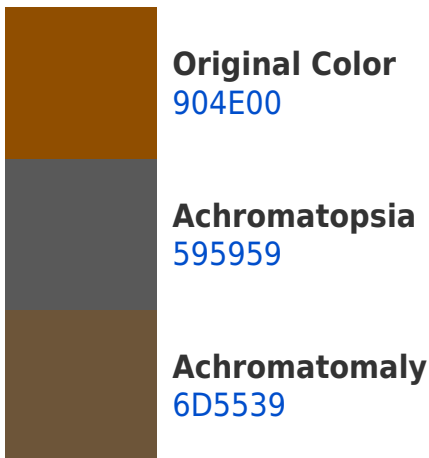


**Tritanopia**  
93494E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 904E00 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 #904E00 looks like.

```
.text, #text, p{  
    color:#904E00  
}
```

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 #904E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #904E00
}
```

## Border

The CSS property to change the border of an element to Hex 904E00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

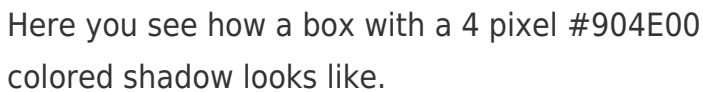
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#904E00 }
```

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

```
.border{ border-color:#904E00 }
```

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



Here you see how a box with a 4 pixel #904E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #904E00; -webkit-box-shadow:4px 4px  
4px 4px #904E00; box-shadow:4px 4px 4px  
4px #904E00 }
```

# Background

The CSS property to change the background color of an element to Hex 904E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#904E00 }
```

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

```
.background{ background-color:#904E00 }
```

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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