

# Converting Colors

Hex(905E31)

Have a look what the booklet for  
Hex(905E31) contains.

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**Color**

**Hex(905E31)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	905E31
RGB	144, 94, 49
RGB Percent	56%, 37%, 19%
CMY	0.4353, 0.6314, 0.8078
CMYK	0.00, 0.35, 0.66, 0.44
HSL	28°, 49%, 38%
HSV	28°, 66%, 56%
XYZ	16.0587, 14.1565, 4.7918
YIQ	103.8200, 44.2450, -3.3950

# Conversions

## Conversions Part 2

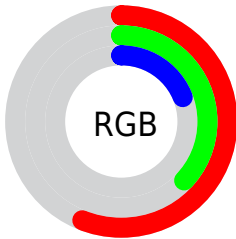
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 135, 49
Decimal	9461297
CIE <sub>Lab</sub>	44.46, 15.83, 33.62
CIE <sub>LCh</sub>	44, 37.162, 64.794
Yxy	14.1565, 0.4587, 0.4044
Android (android.graphics.Color)	4287651377 (0xFF905E31)
YUV	103.8200, -27.0263, 35.2379
Hunter-Lab	37.6251, 10.3414, 18.7865

# Details

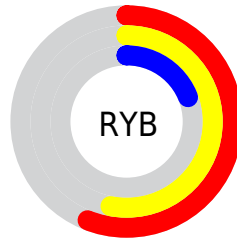
The Hex color **905E31** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **316390**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **C99161**, and **5A3002** is the 20% darker color. If you saturate the color by 10%, you get **905623**, and if you desaturate by 10%, it is **90663F**.

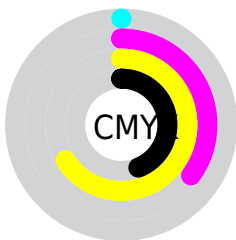
# Distribution



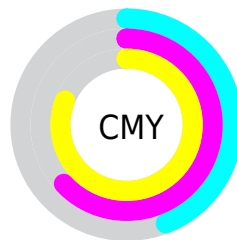
- Red (56%)
- Green (37%)
- Blue (19%)



- Red (56%)
- Yellow (53%)
- Blue (19%)



- Cyan (0%)
- Magenta (35%)
- Yellow (66%)
- Black (44%)



- Cyan (44%)
- Magenta (63%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 905E31 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 905E31 by changing the saturation by 10% instead.



 905E31

 905E31

FFFFFF

 74461A

 C99161

 5A3002

 E6AB7A

 401A00

 FFC694

 270300

 FFE2AF

 000000

 FFFF00

FCB

 FFFF00

E7

 905E31

 905E31

 905623

 90663F

■ 904F14

■ 906D4E

■ 904706

■ 90755C

■ 904400

■ 907C6B

■ 908479

■ 908B87

■ 909396

■ 909BA4

■ 90A2B3

# Harmonies

## Analogous

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



A05348



905E31



766929

# Triad

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



905E31



00796D



725F9C

# Complementary

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



905E31



316390

# 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.



3A6BA7



905E31



00788C

# Square

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



905E31



2A774E



0073A1



935484

# Rectangle

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



905E31



626F2E



0073A1



6263A1



# Sweetspot

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



905E31



BAA795



903164



5E5248



DEDEDE



5E5E5E



# Same Dimension

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



905E31



BA6D27



908D31



474440



874000



080400



# Inverse Universe

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



316390



2774BA



313490



404447



004787

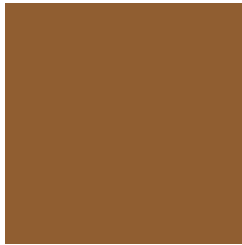


000408



# Previews

## White Background



This preview shows how the Hex color 905E31 looks on a white background.

## Color Contrast Check

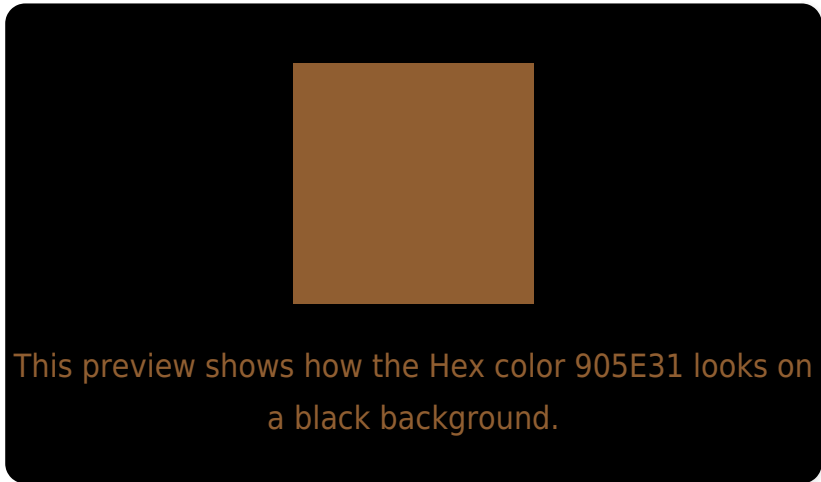
Large Text (above 18pt) WCAG AA ✓ Pass

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 905E31 Background



This preview shows how black text looks on a background with the Hex color 905E31.



This preview shows how white text looks on a background with the Hex color 905E31.

# 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**  
905E31

**Protanopia**  
756A35

**Deuteranopia**  
83642F



**Tritanopia**  
93595F

# Trichromacy



**Original Color**  
905E31

**Protanomaly**  
7F6634

**Deuteranomaly**  
886230

**Tritanomaly**  
925B4E

# Monochromacy



**Original Color**  
905E31

**Achromatopsia**  
686868

**Achromatomaly**  
776454

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 905E31 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 #905E31 looks like.

```
.text, #text, p{  
    color:#905E31  
}
```

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 #905E31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #905E31
}
```

## Border

The CSS property to change the border of an element to Hex 905E31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

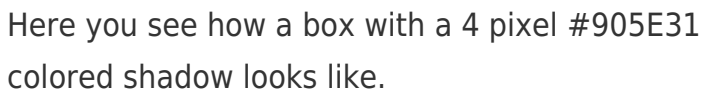
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#905E31 }
```

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

```
.border{ border-color:#905E31 }
```

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



Here you see how a box with a 4 pixel #905E31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #905E31; -webkit-box-shadow:4px 4px  
4px 4px #905E31; box-shadow:4px 4px 4px  
4px #905E31 }
```

# Background

The CSS property to change the background color of an element to Hex 905E31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#905E31 }
```

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

```
.background{ background-color:#905E31 }
```

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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