

# Converting Colors

Hex(91672D)

Have a look what the booklet for  
Hex(91672D) contains.

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**Color**

**Hex(91672D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	91672D
RGB	145, 103, 45
RGB Percent	57%, 40%, 18%
CMY	0.4314, 0.5961, 0.8235
CMYK	0.00, 0.29, 0.69, 0.43
HSL	35°, 53%, 37%
HSV	35°, 69%, 57%
XYZ	17.0010, 15.9097, 4.6575
YIQ	108.9460, 43.6500, -9.1340

# Conversions

## Conversions Part 2

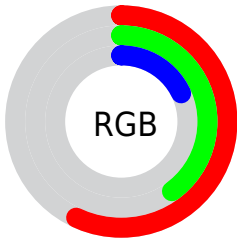
Format	Color
<a href="#">RYB</a>	<a href="#">117, 145, 45</a>
Decimal	<a href="#">9529133</a>
CIELab	<a href="#">46.86, 10.79, 38.43</a>
CIElCh	<a href="#">47, 39.912, 74.318</a>
Yxy	<a href="#">15.9097, 0.4525, 0.4235</a>
Android (android.graphics.Color)	<a href="#">4287719213</a> (0xFF91672D)
YUV	<a href="#">108.9460, -31.5254, 31.6194</a>
Hunter-Lab	<a href="#">39.8870, 6.2796, 20.9978</a>

# Details

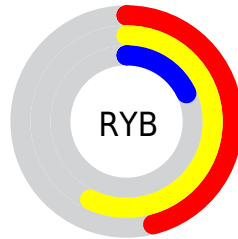
The Hex color **91672D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2D5791**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **CA9A5D**, and **5B3800** is the 20% darker color. If you saturate the color by 10%, you get **91611F**, and if you desaturate by 10%, it is **916D3C**.

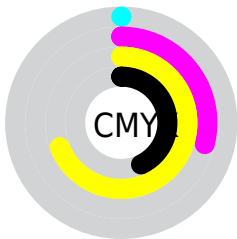
# Distribution



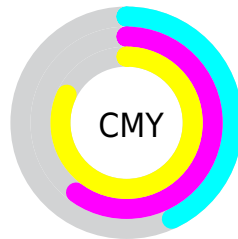
- Red (57%)
- Green (40%)
- Blue (18%)



- Red (46%)
- Yellow (57%)
- Blue (18%)



- Cyan (0%)
- Magenta (29%)
- Yellow (69%)
- Black (43%)



- Cyan (43%)
- Magenta (60%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91672D 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 91672D by changing the saturation by 10% instead.





91672D



91672D

FFFFFF



754F15



CA9A5D



5B3800



E7B577



412300



FFD091



270F00



FFEDAC



000000



FFFFC8



FFFFE4



91672D



91672D



91611F



916D3C

■ 915B10

■ 91734A

■ 915502

■ 917959

■ 915400

■ 917F67

■ 918576

■ 918C84

■ 919293

■ 9198A1

■ 919EB0

# Harmonies

## Analogous

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



A65B42



91672D



73722B

# Triad

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



91672D



00807F



86609F

# Complementary

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



91672D



2D5791

# 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.



526DB0



91672D



007E9D

# Square

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



91672D



077F5C



0078AF



A45582

# Rectangle

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



91672D



5B7835



0078AF



7864A7



# Sweetspot

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



91672D



BDAC95



912D58



5E5447



DEDEDE



5E5E5E



# Same Dimension

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



91672D



BD7B20



8A912D



474440



874E00



080400



# Inverse Universe

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



2D5791



2062BD



342D91



404347



003987



000308



# Previews

## White Background



This preview shows how the Hex color 91672D looks on a white background.

## Color Contrast Check

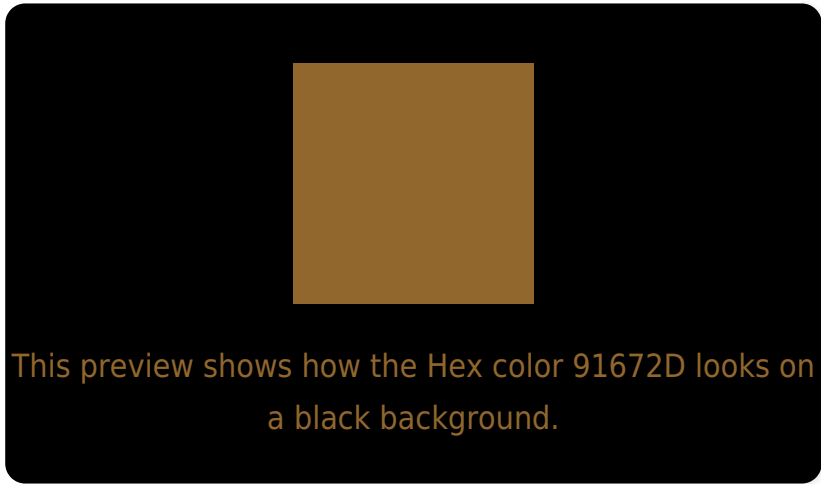
Large Text (above 18pt) WCAG AA ✓ Pass

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 91672D Background



This preview shows how black text looks on a background with the Hex color 91672D.



This preview shows how white text looks on a background with the Hex color 91672D.

# 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**  
91672D

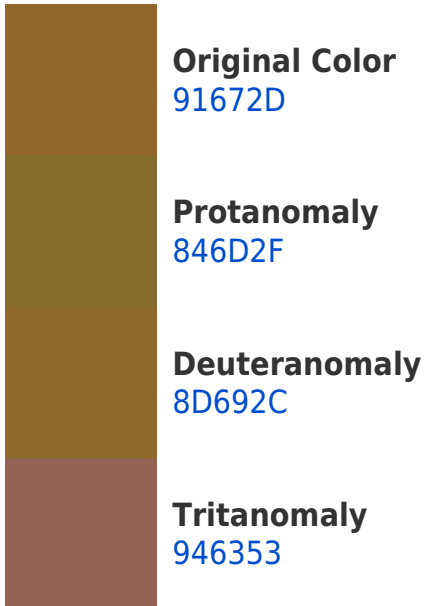
**Protanopia**  
7C7030

**Deuteranopia**  
8B6A2C

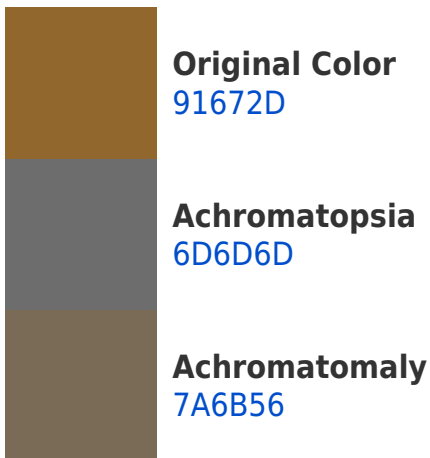


**Tritanopia**  
956168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91672D 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 #91672D looks like.

```
.text, #text, p{  
    color:#91672D  
}
```

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 #91672D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91672D  
}
```

## Border

The CSS property to change the border of an element to Hex 91672D 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  
#91672D }
```

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

```
.border{ border-color:#91672D }
```

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

Here you see how a box with a 4 pixel #91672D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91672D; -webkit-box-shadow:4px 4px  
4px 4px #91672D; box-shadow:4px 4px 4px  
4px #91672D }
```

# Background

The CSS property to change the background color of an element to Hex 91672D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91672D }
```

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

```
.background{ background-color:#91672D }
```

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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