

# Converting Colors

Hex(C9612B)

Have a look what the booklet for  
Hex(C9612B) contains.

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**Color**

**Hex(C9612B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9612B
RGB	201, 97, 43
RGB Percent	79%, 38%, 17%
CMY	0.2118, 0.6196, 0.8314
CMYK	0.00, 0.52, 0.79, 0.21
HSL	21°, 65%, 48%
HSV	21°, 79%, 79%
XYZ	28.7981, 21.1413, 4.8484
YIQ	121.9400, 79.3180, 5.2540

# Conversions

## Conversions Part 2

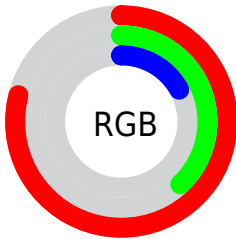
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 125, 43
Decimal	13197611
CIE Lab	53.10, 37.96, 48.26
CIE LCh	53, 61.399, 51.808
Yxy	21.1413, 0.5256, 0.3859
Android (android.graphics.Color)	4291387691 (0xFFC9612B)
YUV	121.9400, -38.9174, 69.3356
Hunter-Lab	45.9797, 31.3342, 25.9339

# Details

The Hex color **C9612B** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **2B93C9**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF965C**, and **8C2F00** is the 20% darker color. If you saturate the color by 10%, you get **C95417**, and if you desaturate by 10%, it is **C96E3F**.

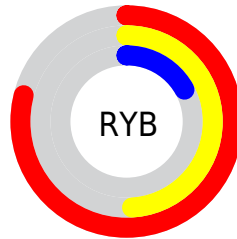
# Distribution



Red (79%)

Green (38%)

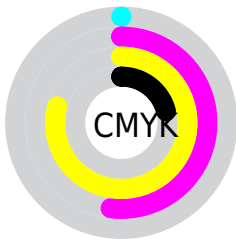
Blue (17%)



Red (79%)

Yellow (49%)

Blue (17%)

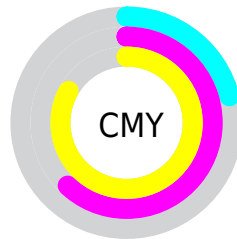


Cyan (0%)

Magenta (52%)

Yellow (79%)

Black (21%)



Cyan (21%)

Magenta (62%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9612B 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 C9612B by changing the saturation by 10% instead.



 C9612B

 C9612B

FFFFFF

 AA4812

 FF965C

 8C2F00

 FFB176

 6F1400

 FFCD90

 510000

 FFE9AB

 370000

 FFFFFC7

 130000

 FFFFFE3

 000000

 C9612B

 C9612B

 C95417

 C96E3F

 C94703

 C97B53

 C94500

 C98967

 C9967B

 C9A390

 C9B0A4

 C9BEB8

 C9CBCC

 C9D8E0

# Harmonies

## Analogous

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



DC4C5B



C9612B



A47700

# Triad

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



C9612B



00966E



6077E2

# Complementary

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



C9612B



2B93C9

# 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.



0089E8



C9612B



0097A5

# Square

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



C9612B



299139



0093D1



B05EC1

# Rectangle

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



C9612B



858300



0093D1



287EE7

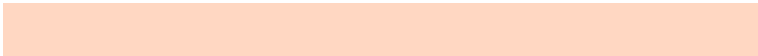


# Sweetspot

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



C9612B



FFD7C2



C92B94



80675B



000000



808080



# Same Dimension

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



C9612B



FF610F



C9AF2B



635D5A



A33800



240C00

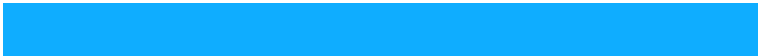


# Inverse Universe

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



2B93C9



0FADFF



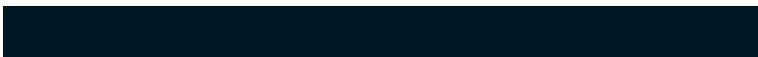
2B45C9



5A6063



006BA3

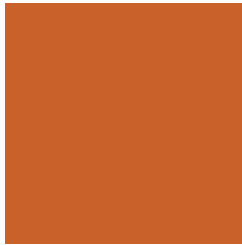


001724



# Previews

## White Background



This preview shows how the Hex color C9612B looks on a white background.

## Color Contrast Check

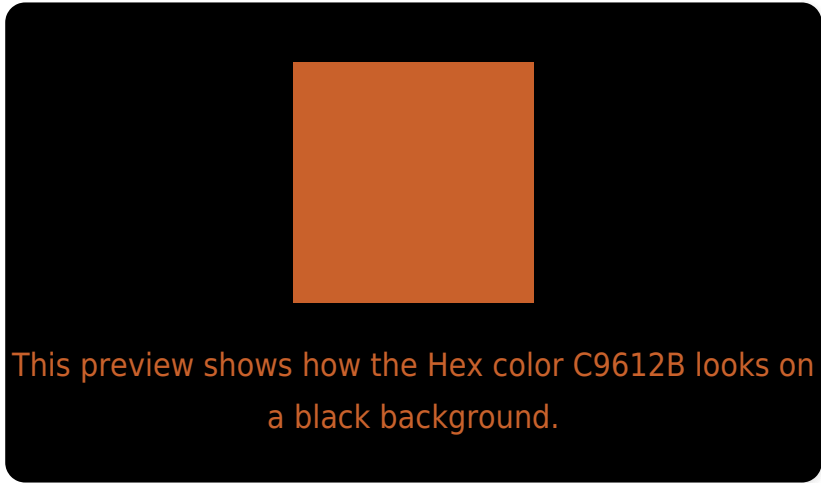
Large Text (above 18pt) WCAG AA ✓ Pass

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

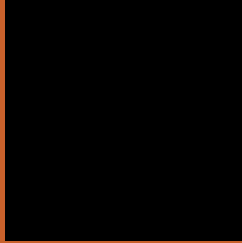
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C9612B Background



This preview shows how black text looks on a background with the Hex color C9612B.



This preview shows how white text looks on a background with the Hex color C9612B.

# 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



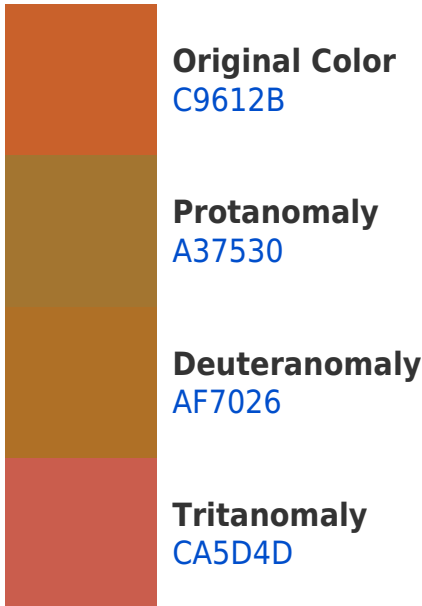
**Original Color**  
C9612B

**Protanopia**  
8E8033

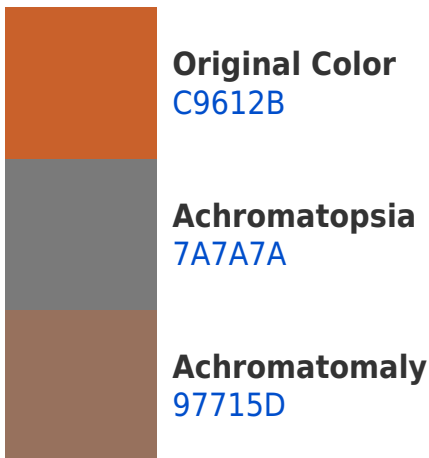
**Deuteranopia**  
A07923



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9612B 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 #C9612B looks like.

```
.text, #text, p{  
    color:#C9612B  
}
```

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 #C9612B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9612B }  
}
```

## Border

The CSS property to change the border of an element to Hex C9612B 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 #C9612B }  
}
```

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

```
.border{ border-color:#C9612B }
```

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

Here you see how a box with a 4 pixel #C9612B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9612B; -webkit-box-shadow:4px 4px  
4px 4px #C9612B; box-shadow:4px 4px 4px  
4px #C9612B }
```

# Background

The CSS property to change the background color of an element to Hex C9612B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9612B }
```

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

```
.background{ background-color:#C9612B }
```

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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