

# Converting Colors

Hex(C1513D)

Have a look what the booklet for  
Hex(C1513D) contains.

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# Color

**Hex(C1513D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C1513D
RGB	193, 81, 61
RGB Percent	76%, 32%, 24%
CMY	0.2431, 0.6824, 0.7608
CMYK	0.00, 0.58, 0.68, 0.24
HSL	9°, 52%, 50%
HSV	9°, 68%, 76%
XYZ	25.7771, 17.5592, 6.4455
YIQ	112.2080, 73.1720, 17.5240

# Conversions

## Conversions Part 2

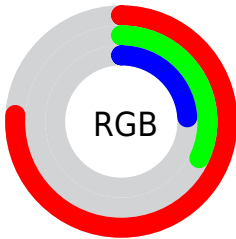
Format	Color
<b>RYB</b>	193, 85, 61
Decimal	12669245
CIELab	48.96, 43.66, 34.05
CIElCh	49, 55.365, 37.951
Yxy	17.5592, 0.5178, 0.3527
Android (android.graphics.Color)	4290859325 (0xFFC1513D)
YUV	112.2080, -25.2455, 70.8546
Hunter-Lab	41.9037, 36.4726, 20.2128

# Details

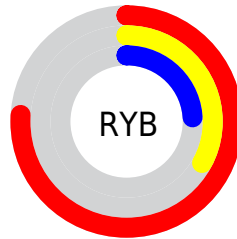
The Hex color **C1513D** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **3DADC1**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF866D**, and **851B11** is the 20% darker color. If you saturate the color by 10%, you get **C1412A**, and if you desaturate by 10%, it is **C16150**.

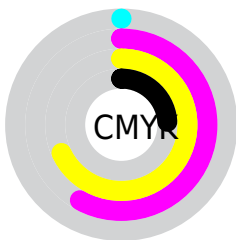
# Distribution



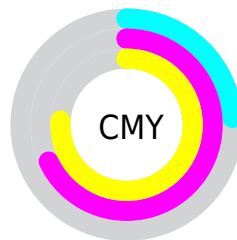
- Red (76%)
- Green (32%)
- Blue (24%)



- Red (76%)
- Yellow (33%)
- Blue (24%)



- Cyan (0%)
- Magenta (58%)
- Yellow (68%)
- Black (24%)



- Cyan (24%)
- Magenta (68%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1513D 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 C1513D by changing the saturation by 10% instead.



 C1513D

 C1513D

FFFFFF

 A33727

 FF866D

 851B11

 FFA187

 680000

 FFBDA1

 4B0000

 FFD9BC

 310002

 FFF6D8

 000000

 FFFFF5

 C1513D

 C1513D

 C1412A

 C16150

 C13016

 C17264

 C12003

 C18277

 C11D00

 C1938A

 C1A39E

 C1B3B1

 C1C4C4

 C1D4D7

 C1E4EB

# Harmonies

## Analogous

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



C8456A



C1513D



A76516

# Triad

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



C1513D



00884F



0576D2

# Complementary

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



C1513D



3DADC1

# 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.



0083CB



C1513D



008A80

# Square

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



C1513D



4D8222



0089AD



8662BF

# Rectangle

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



C1513D



8E7100



0089AD



007BD2



# Sweetspot

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



C1513D



FACDC5



C13DAD



7D625E



FCFCFC



7D7D7D



# Same Dimension

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



C1513D



FA4C2D



C1933D



615957



A11800



210500



# Inverse Universe

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



3DADC1



2DDBFA



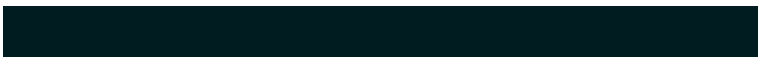
3D6BC1



575F61



0088A1

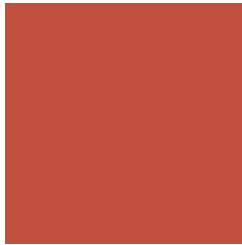


001C21



# Previews

## White Background



This preview shows how the Hex color C1513D looks on a white background.

## Color Contrast Check

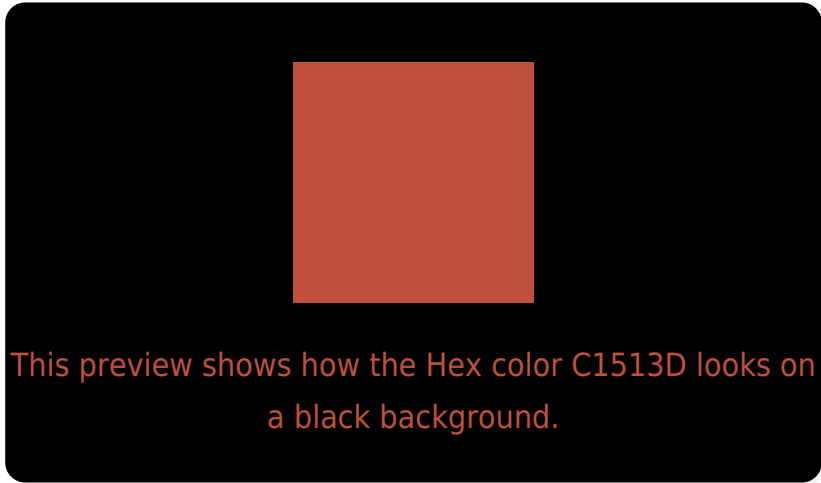
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

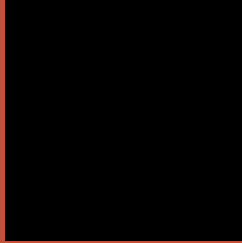
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C1513D Background



This preview shows how black text looks on a background with the Hex color C1513D.

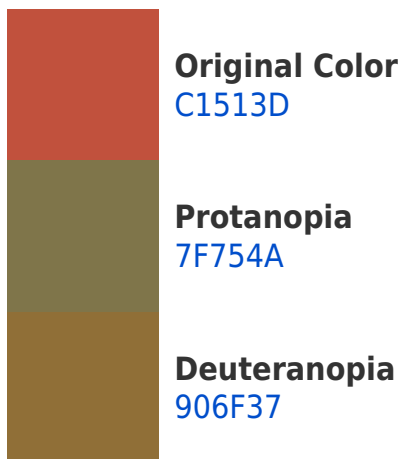



This preview shows how white text looks on a background with the Hex color C1513D.

# 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](#).

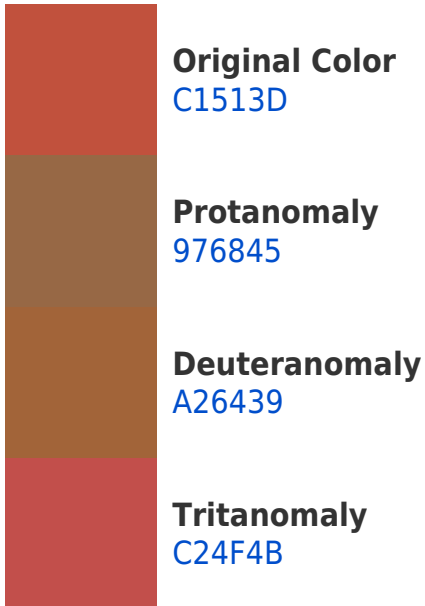
## Dichromacy





**Tritanopia**  
C24E53

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1513D 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 #C1513D looks like.

```
.text, #text, p{  
    color:#C1513D  
}
```

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 #C1513D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1513D
}
```

## Border

The CSS property to change the border of an element to Hex C1513D is called "border". The border property can be set on classes, ids or directly on the HTML element.

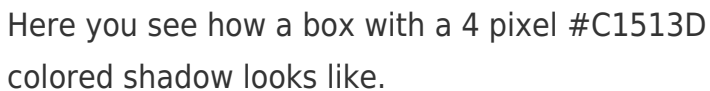
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C1513D }
```

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

```
.border{ border-color:#C1513D }
```

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



Here you see how a box with a 4 pixel `#C1513D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1513D; -webkit-box-shadow:4px 4px  
4px 4px #C1513D; box-shadow:4px 4px 4px  
4px #C1513D }
```

# Background

The CSS property to change the background color of an element to Hex C1513D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1513D }
```

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

```
.background{ background-color:#C1513D }
```

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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