

# Converting Colors

Hex(C1512D)

Have a look what the booklet for  
Hex(C1512D) contains.

<b>Hex(C1512D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(C1512D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C1512D
RGB	193, 81, 45
RGB Percent	76%, 32%, 18%
CMY	0.2431, 0.6824, 0.8235
CMYK	0.00, 0.58, 0.77, 0.24
HSL	15°, 62%, 47%
HSV	15°, 77%, 76%
XYZ	25.4084, 17.4118, 4.5043
YIQ	110.3840, 78.3080, 12.5480

# Conversions

## Conversions Part 2

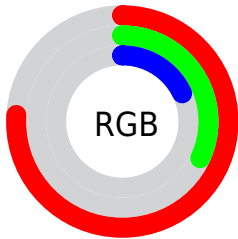
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 93, 45
Decimal	12669229
CIE <sub>Lab</sub>	48.77, 42.89, 42.51
CIE <sub>LCh</sub>	49, 60.390, 44.744
Yxy	17.4118, 0.5369, 0.3679
Android (android.graphics.Color)	4290859309 (0xFFC1512D)
YUV	110.3840, -32.2343, 72.4542
Hunter-Lab	41.7274, 35.6681, 22.8091

# Details

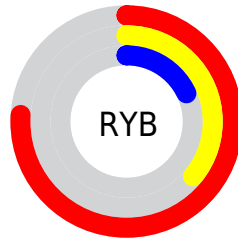
The Hex color **C1512D** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **2D9DC1**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF865D**, and **841C00** is the 20% darker color. If you saturate the color by 10%, you get **C1421A**, and if you desaturate by 10%, it is **C16040**.

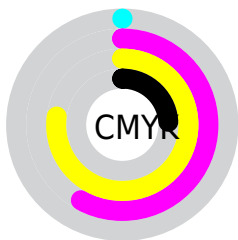
# Distribution



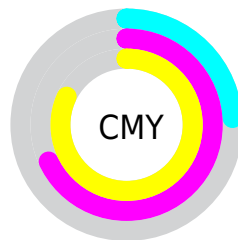
- Red (76%)
- Green (32%)
- Blue (18%)



- Red (76%)
- Yellow (36%)
- Blue (18%)



- Cyan (0%)
- Magenta (58%)
- Yellow (77%)
- Black (24%)



- Cyan (24%)
- Magenta (68%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1512D 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 C1512D by changing the saturation by 10% instead.



 C1512D

 C1512D

FFFFFF

 A23716

 FF865D

 841C00

 FFA176

 670000

 FFBD90

 4A0000

 FFD9AB

 300002

 FFF6C7

 000000

 FFFF E3

 C1512D

 C1512D

 C1421A

 C16040

 C13406

 C16E54

 C12F00

 C17D67

 C18B7A

 C19A8E

 C1A9A1

 C1B7B4

 C1C6C7

 C1D4DB

# Harmonies

## Analogous

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



CE3E5D



C1512D



A16800

# Triad

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



C1512D



008957



2F71D8

# Complementary

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



C1512D



2D9DC1

# 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.



0081D7



C1512D



008B8C

# Square

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



C1512D



368423



0089BB



955ABD

# Rectangle

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



C1512D



847400



0089BB



0078DA



# Sweetspot

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



C1512D



FACEC0



C12D9E



7D625A



FCFCFC



7D7D7D



# Same Dimension

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



C1512D



FA4C14



C19A2D



615A57



A12700



210800



# Inverse Universe

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



2D9DC1



14C2FA



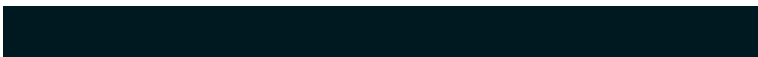
2D54C1



575F61



007AA1

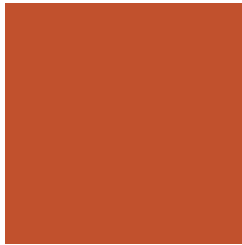


001921



# Previews

## White Background



This preview shows how the Hex color C1512D looks on a white background.

## Color Contrast Check

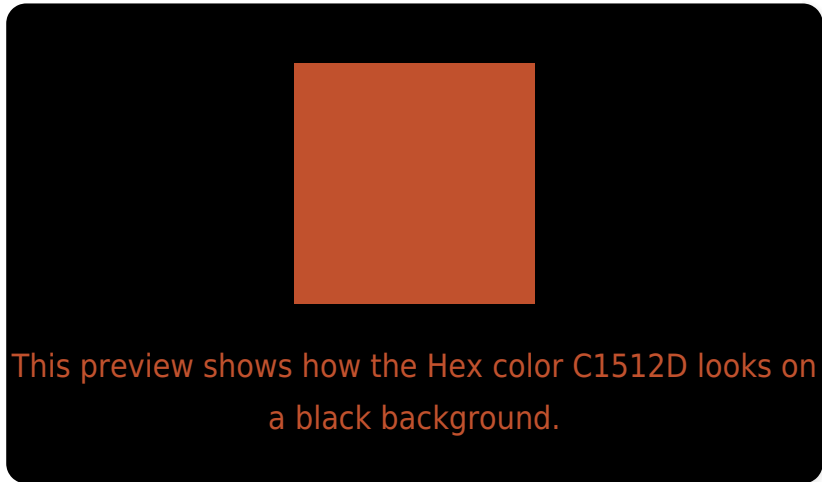
Large Text (above 18pt) WCAG AA ✓ Pass

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 C1512D Background



This preview shows how black text looks on a background with the Hex color C1512D.



This preview shows how white text looks on a background with the Hex color C1512D.

# 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**  
C1512D

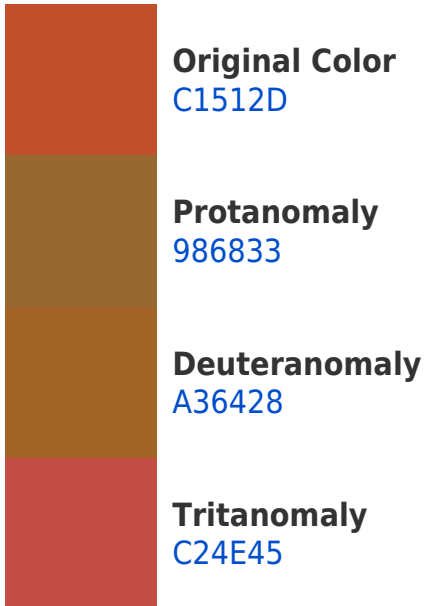
**Protanopia**  
817537

**Deuteranopia**  
926F25



**Tritanopia**  
C34D52

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1512D 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 #C1512D looks like.

```
.text, #text, p{  
    color:#C1512D  
}
```

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 #C1512D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1512D }  
}
```

## Border

The CSS property to change the border of an element to Hex C1512D is called "border". The border property can be set on classes, ids or directly on the HTML element.

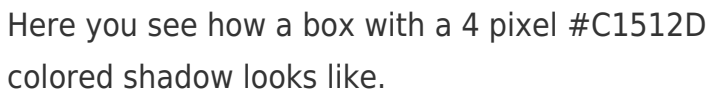
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #C1512D }  
}
```

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

```
.border{ border-color:#C1512D }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel `#C1512D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1512D; -webkit-box-shadow:4px 4px  
4px 4px #C1512D; box-shadow:4px 4px 4px  
4px #C1512D }
```

# Background

The CSS property to change the background color of an element to Hex C1512D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1512D }
```

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

```
.background{ background-color:#C1512D }
```

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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