

Converting Colors

Hex(CA572D)

Have a look what the booklet for
Hex(CA572D) contains.

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Color

Hex(CA572D)

Conversions

Conversions Part 1

Format	Color
Hex	CA572D
RGB	202, 87, 45
RGB Percent	79%, 34%, 18%
CMY	0.2078, 0.6588, 0.8235
CMYK	0.00, 0.57, 0.78, 0.21
HSL	16°, 64%, 48%
HSV	16°, 78%, 79%
XYZ	28.2390, 19.5624, 4.7702
YIQ	116.5970, 82.0220, 11.3180

Conversions

Conversions Part 2

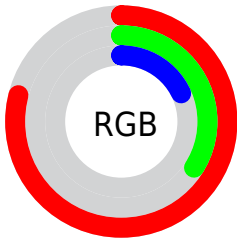
Format	Color
R_{YB}	202, 102, 45
Decimal	13260589
CIE _{Lab}	51.34, 43.38, 45.60
CIE _{LCh}	51, 62.937, 46.425
Yxy	19.5624, 0.5372, 0.3721
Android (android.graphics.Color)	4291450669 (0xFFCA572D)
YUV	116.5970, -35.2973, 74.8984
Hunter-Lab	44.2294, 36.5647, 24.5661

Details

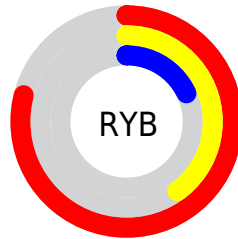
The Hex color **CA572D** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **2DA0CA**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF8C5E**, and **8D2200** is the 20% darker color. If you saturate the color by 10%, you get **CA4819**, and if you desaturate by 10%, it is **CA6641**.

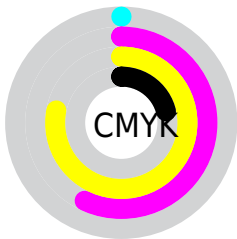
Distribution



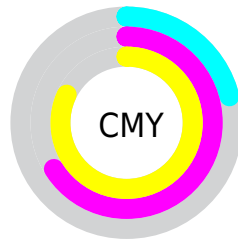
- Red (79%)
- Green (34%)
- Blue (18%)



- Red (79%)
- Yellow (40%)
- Blue (18%)



- Cyan (0%)
- Magenta (57%)
- Yellow (78%)
- Black (21%)



- Cyan (21%)
- Magenta (66%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA572D 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 CA572D by changing the saturation by 10% instead.

 CA572D

 CA572D

FFFFFF

 AB3D15

 FF8C5E

 8D2200

 FFA777

 6F0000

 FFC391

 510000

 FFE0AC

 370001

 FFFDC8

 0F0000

 FFFF E4

 000000

 CA572D

 CA572D

 CA4819

 CA6641

■ CA3905

■ CA7555

■ CA3600

■ CA836A

■ CA927E

■ CAA192

■ CAB0A6

■ CABFBA

■ CACDCF

■ CADCE3

Harmonies

Analogous

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



D9425F



CA572D



A76F00

Triad

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



CA572D



00915F



3D76E2

Complementary

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



CA572D



2DA0CA

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.



0088E3



CA572D



009397

Square

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



CA572D



348C28



0090C8



A15EC5

Rectangle

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



CA572D



897C00



0090C8



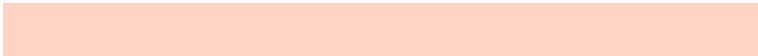
007DE6

Sweetspot

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



CA572D



FFD4C4



CA2DA0



80655C



000000



808080

Same Dimension

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



CA572D



FF5112



CAA52D



665F5C



A62C00



260A00

Inverse Universe

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



2DA0CA



12C0FF



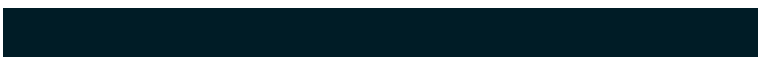
2D52CA



5C6366



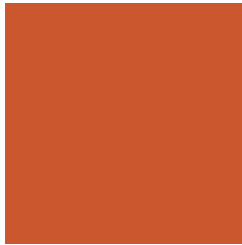
0079A6



001C26

Previews

White Background



This preview shows how the Hex color CA572D looks on a white background.

Color Contrast Check

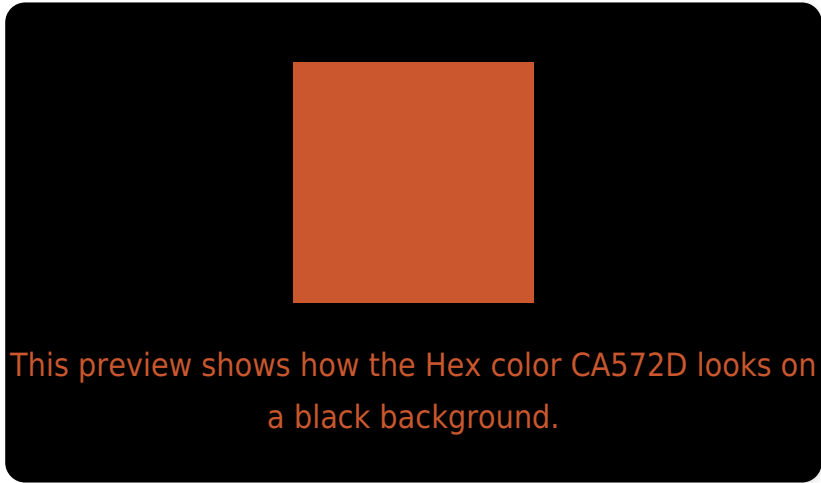
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA572D Background



This preview shows how black text looks on a background with the Hex color CA572D.



This preview shows how white text looks on a background with the Hex color CA572D.

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

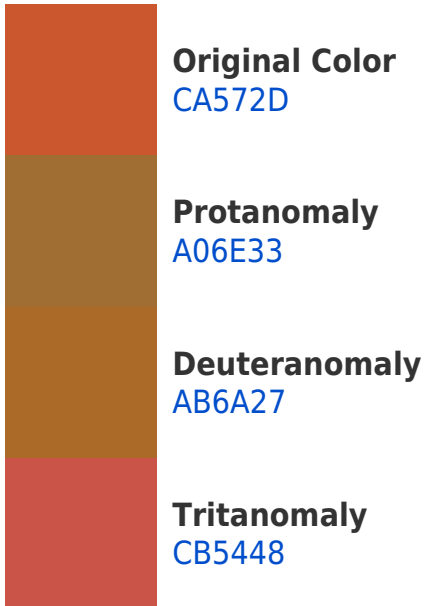


Original Color
CA572D

Protanopia
887B37

Deuteranopia
9A7524

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA572D 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 #CA572D looks like.

```
.text, #text, p{  
    color:#CA572D  
}
```

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 #CA572D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA572D
}
```

Border

The CSS property to change the border of an element to Hex CA572D 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
#CA572D }
```

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

```
.border{ border-color:#CA572D }
```

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

Here you see how a box with a 4 pixel #CA572D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA572D; -webkit-box-shadow:4px 4px  
4px 4px #CA572D; box-shadow:4px 4px 4px  
4px #CA572D }
```

Background

The CSS property to change the background color of an element to Hex CA572D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA572D }
```

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

```
.background{ background-color:#CA572D }
```

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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