

Converting Colors

Hex(CA712B)

Have a look what the booklet for
Hex(CA712B) contains.

Hex(CA712B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CA712B)

Conversions

Conversions Part 1

Format	Color
Hex	CA712B
RGB	202, 113, 43
RGB Percent	79%, 44%, 17%
CMY	0.2078, 0.5569, 0.8314
CMYK	0.00, 0.44, 0.79, 0.21
HSL	26°, 65%, 48%
HSV	26°, 79%, 79%
XYZ	30.6983, 24.5412, 5.4045
YIQ	131.6310, 75.5140, -2.9020

Conversions

Conversions Part 2

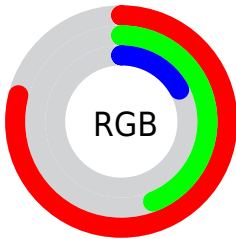
Format	Color
R _Y B	202, 168, 43
Decimal	13267243
CIE Lab	56.63, 30.01, 51.72
CIE LCh	57, 59.793, 59.872
Yxy	24.5412, 0.5062, 0.4047
Android (android.graphics.Color)	4291457323 (0xFFCA712B)
YUV	131.6310, -43.6951, 61.7136
Hunter-Lab	49.5391, 23.9191, 28.2091

Details

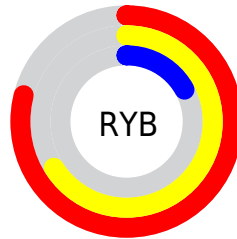
The Hex color **CA712B** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **2B84CA**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FFA65E**, and **8E4000** is the 20% darker color. If you saturate the color by 10%, you get **CA6617**, and if you desaturate by 10%, it is **CA7C3F**.

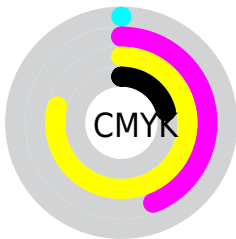
Distribution



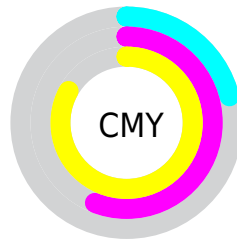
- Red (79%)
- Green (44%)
- Blue (17%)



- Red (79%)
- Yellow (66%)
- Blue (17%)



- Cyan (0%)
- Magenta (44%)
- Yellow (79%)
- Black (21%)



- Cyan (21%)
- Magenta (56%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA712B 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 CA712B by changing the saturation by 10% instead.

 CA712B

 CA712B

FFFFFF

 AC580F

 FFA65E

 8E4000

 FFC177

 712800

 FFDD92

 541000

 FFFAAD

 380000

 FFFFC9

 1D0001

 FFFFE6

 000000

 CA712B

 CA712B

 CA6617

 CA7C3F

■ CA5A03

■ CA8853

■ CA5900

■ CA9368

■ CA9E7C

■ CAAA90

■ CAB5A4

■ CAC0B8

■ CACBCD

■ CAD7E1

Harmonies

Analogous

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



E25C57



CA712B



A2850B

Triad

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



CA712B



00A086



867AE3

Complementary

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



CA712B



2B84CA

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.



008EF0



CA712B



00A0BA

Square

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



CA712B



0D9C51



009AE1



C663BD

Rectangle

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



CA712B



819016



009AE1



6581EA

Sweetspot

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



CA712B



FFDDC2



CA2B85



806B5B



000000



808080

Same Dimension

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



CA712B



FF790F



CABF2B



66605C



A64900



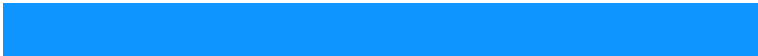
261100

Inverse Universe

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



2B84CA



0F95FF



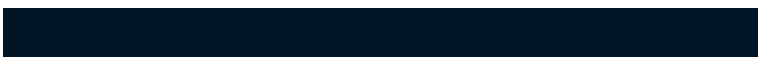
2B36CA



5C6266



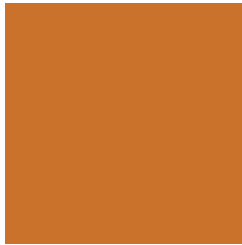
005DA6



001526

Previews

White Background



This preview shows how the Hex color CA712B looks on a white background.

Color Contrast Check

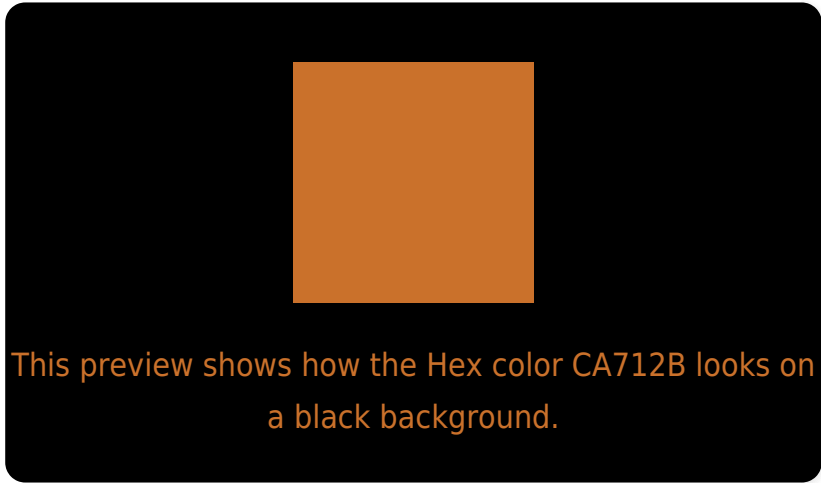
Large Text (above 18pt) WCAG AA ✓ Pass

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

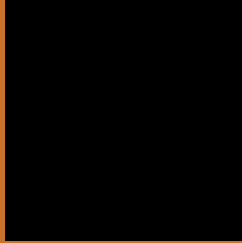
Any Text WCAG AA ✓ Pass

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 CA712B Background



This preview shows how black text looks on a background with the Hex color CA712B.



This preview shows how white text looks on a background with the Hex color CA712B.

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
CA712B

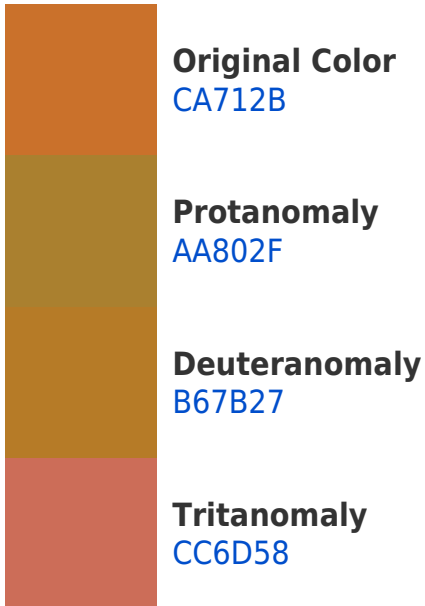
Protanopia
988931

Deuteranopia
AB8125



Tritanopia
CD6A71

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA712B 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 #CA712B looks like.

```
.text, #text, p{  
    color:#CA712B  
}
```

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 #CA712B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA712B
}
```

Border

The CSS property to change the border of an element to Hex CA712B 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
#CA712B }
```

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

```
.border{ border-color:#CA712B }
```

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

Here you see how a box with a 4 pixel #CA712B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA712B; -webkit-box-shadow:4px 4px  
4px 4px #CA712B; box-shadow:4px 4px 4px  
4px #CA712B }
```

Background

The CSS property to change the background color of an element to Hex CA712B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA712B }
```

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

```
.background{ background-color:#CA712B }
```

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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