

Converting Colors

Hex(CA7100)

Have a look what the booklet for
Hex(CA7100) contains.

Hex(CA7100)	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(CA7100)

Conversions

Conversions Part 1

Format	Color
Hex	CA7100
RGB	202, 113, 0
RGB Percent	79%, 44%, 0%
CMY	0.2078, 0.5569, 1.0000
CMYK	0.00, 0.44, 1.00, 0.21
HSL	34°, 100%, 40%
HSV	34°, 100%, 79%
XYZ	30.2622, 24.3668, 3.1083
YIQ	126.7290, 89.3170, -16.2750

Conversions

Conversions Part 2

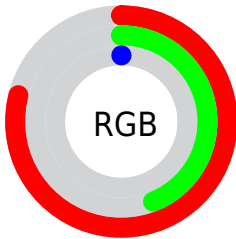
Format	Color
R _Y B	159, 202, 0
Decimal	13267200
CIE Lab	56.45, 29.12, 63.79
CIE LCh	56, 70.128, 65.463
Yxy	24.3668, 0.5241, 0.4220
Android (android.graphics.Color)	4291457280 (0xFFCA7100)
YUV	126.7290, -62.4774, 66.0127
Hunter-Lab	49.3628, 23.0461, 30.8206

Details

The Hex color **CA7100** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **0059CA**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FFA543**, and **8D4000** is the 20% darker color. If you saturate the color by 10%, you get **CA7100**, and if you desaturate by 10%, it is **CA7A14**.

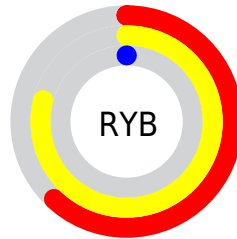
Distribution



Red (79%)

Green (44%)

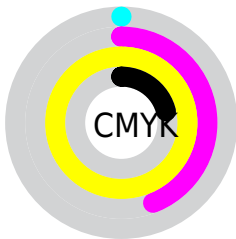
Blue (0%)



Red (62%)

Yellow (79%)

Blue (0%)

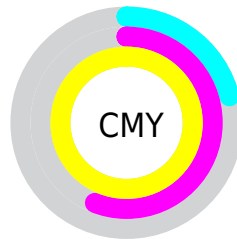


Cyan (0%)

Magenta (44%)

Yellow (100%)

Black (21%)



Cyan (21%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA7100 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 CA7100 by changing the saturation by 10% instead.

 CA7100

 CA7100

FFFFFF

 AB5800

 FFA543

 8D4000

 FFC15D

 6F2800

 FFDD78

 521100

 FFFA93

 370000

 FFFF4F

 1B0001

 FFFF00

 000000

 FFFF00

FFFE8

 CA7100

 CA7A14

 CA8328

 CA8C3D

 CA9551

 CA9E65

 CAA679

 CAAF8D

 CAB8A2

 CAC1B6

Harmonies

Analogous

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



EB5444



CA7100



998800

Triad

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



CA7100



00A391



9572EC

Complementary

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



CA7100



0059CA

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.



008BFF



CA7100



00A2CD

Square

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



CA7100



009F51



009BF7



D853BB

Rectangle

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



CA7100



709300



009BF7



707BF7

Sweetspot

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



CA7100



FFDDB3



CA005B



806B52



000000



808080

Same Dimension

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



CA7100



FF8F00



C0CA00



66625C



A65D00



261500

Inverse Universe

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



0059CA



0070FF



0A00CA



5C6066



0049A6



001126

Previews

White Background



This preview shows how the Hex color CA7100 looks on a white background.

Color Contrast Check

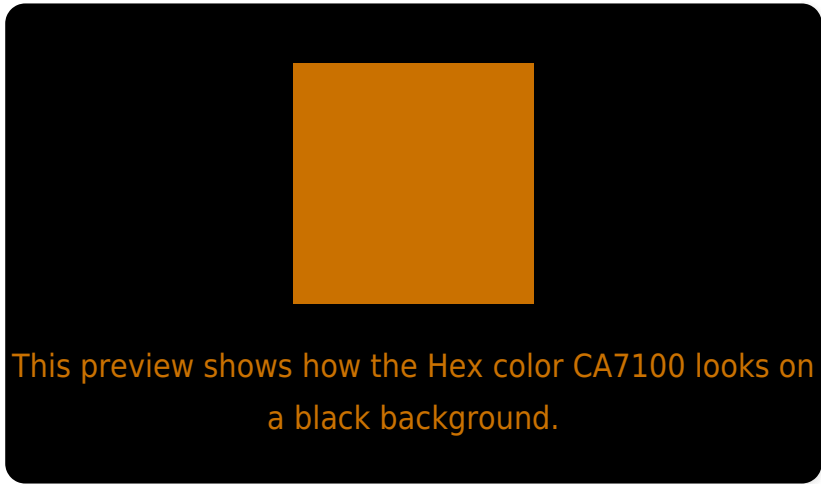
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA7100 Background



This preview shows how black text looks on a background with the Hex color CA7100.



This preview shows how white text looks on a background with the Hex color CA7100.

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

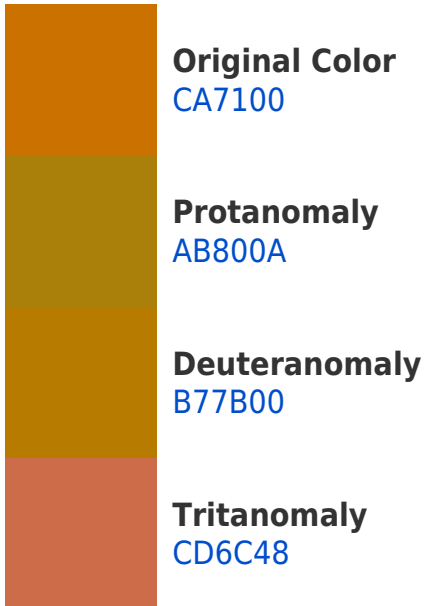


Original Color
CA7100

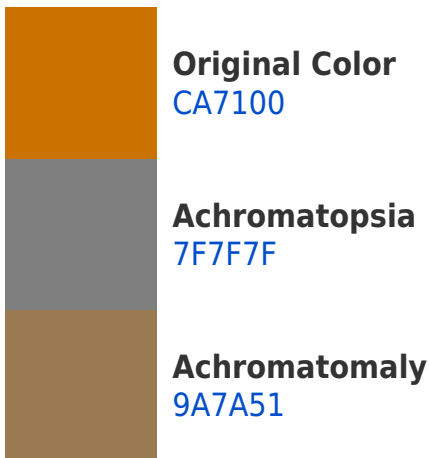
Protanopia
998810

Deuteranopia
AC8100

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA7100 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 #CA7100 looks like.

```
.text, #text, p{  
    color:#CA7100  
}
```

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 #CA7100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA7100
}
```

Border

The CSS property to change the border of an element to Hex CA7100 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
#CA7100 }
```

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

```
.border{ border-color:#CA7100 }
```

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

Here you see how a box with a 4 pixel #CA7100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA7100; -webkit-box-shadow:4px 4px  
4px 4px #CA7100; box-shadow:4px 4px 4px  
4px #CA7100 }
```

Background

The CSS property to change the background color of an element to Hex CA7100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA7100 }
```

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

```
.background{ background-color:#CA7100 }
```

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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