

Converting Colors

Hex(CCA92A)

Have a look what the booklet for
Hex(CCA92A) contains.

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Color

Hex(CCA92A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CCA92A |
| RGB | 204, 169, 42 |
| RGB Percent | 80%, 66%, 16% |
| CMY | 0.2000, 0.3373, 0.8353 |
| CMYK | 0.00, 0.17, 0.79, 0.20 |
| HSL | 47°, 66%, 48% |
| HSV | 47°, 79%, 80% |
| XYZ | 39.5077, 41.3805, 8.0954 |
| YIQ | 164.9870, 61.6270, -32.0770 |

Conversions

Conversions Part 2

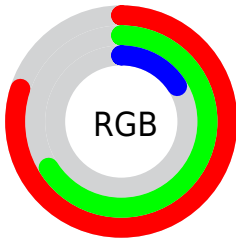
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 87, 204, 42 |
| Decimal | 13412650 |
| CIE _{Lab} | 70.44, 0.56, 64.94 |
| CIE _{LCh} | 70, 64.941, 89.508 |
| Yxy | 41.3805, 0.4440, 0.4650 |
| Android (android.graphics.Color) | 4291602730 (0xFFCCA92A) |
| YUV | 164.9870, -60.6326, 34.2144 |
| Hunter-Lab | 64.3277, -2.9451, 37.5679 |

Details

The Hex color **CCA92A** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle muted orange. A complement of this color would be **2A4DCC**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFE062**, and **917500** is the 20% darker color. If you saturate the color by 10%, you get **CCA516**, and if you desaturate by 10%, it is **CCAD3E**.

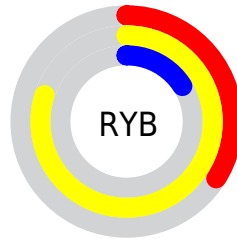
Distribution



Red (80%)

Green (66%)

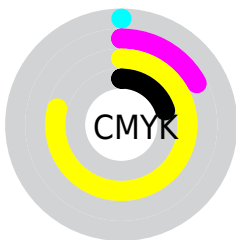
Blue (16%)



Red (34%)

Yellow (80%)

Blue (16%)

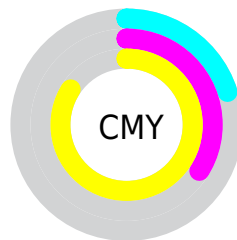


Cyan (0%)

Magenta (17%)

Yellow (79%)

Black (20%)



Cyan (20%)

Magenta (34%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCA92A 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 CCA92A by changing the saturation by 10% instead.


 CCA92A

 CCA92A

FFFFFF

 AE8F00

 FFE062

 917500

 FFFC7E

 755D00

 FFFF99

 594600

 FFFFB6

 3E3000

 FFFFD2

 251B00

 FFFFEE

 040100

 000000

 CCA92A

 CCA92A

■ CCA516

■ CCAD3E

■ CCA001

■ CCB253

■ CCA000

■ CCB667

■ CCBB7C

■ CCBF90

■ CCC3A4

■ CCC8B9

■ CCCCCD

■ CCD1E2

Harmonies

Analogous

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



FA9245



CCA92A



91BA3D

Triad

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



CCA92A



00C8E5



F384E9

Complementary

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



CCA92A



2A4DCC

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.



AB9DFF



CCA92A



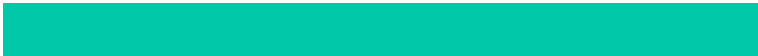
00C1FF

Square

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



CCA92A



00C8A9



00B3FF



FF75B0

Rectangle

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



CCA92A



5EC15B



00B3FF



DF8CFA

Sweetspot

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



CCA92A



FFF2C2



CC2A4D



80785B



000000



808080

Same Dimension

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



CCA92A



FFCB0D



9ECC2A



66645C



A68200



261E00

Inverse Universe

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



2A4DCC



0D41FF



582ACC



5C5E66



0024A6



000826

Previews

White Background



This preview shows how the Hex color CCA92A looks on a white background.

Color Contrast Check

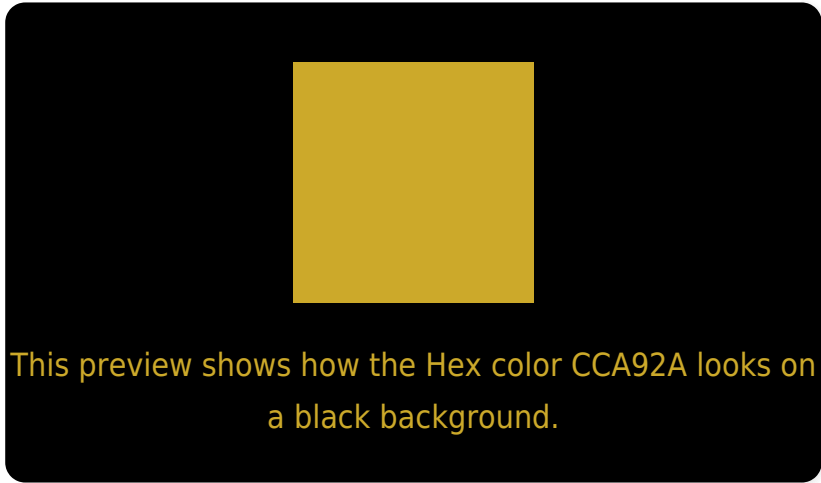
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex CCA92A Background



This preview shows how black text looks on a background with the Hex color CCA92A.

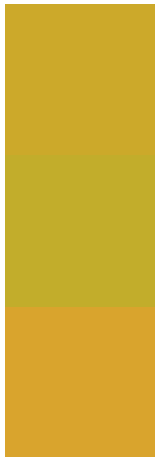


This preview shows how white text looks on a background with the Hex color CCA92A.

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
CCA92A

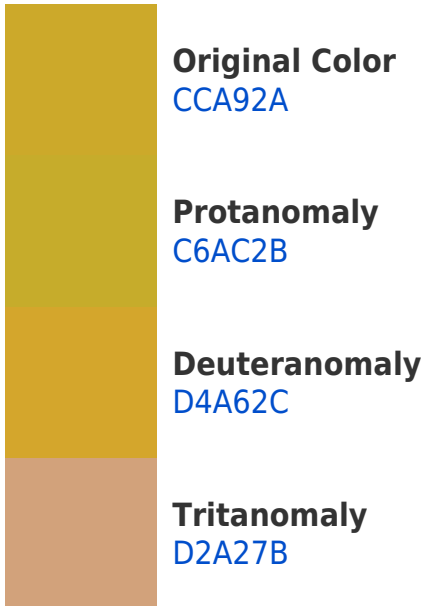
Protanopia
C2AD2B

Deuteranopia
D9A42D

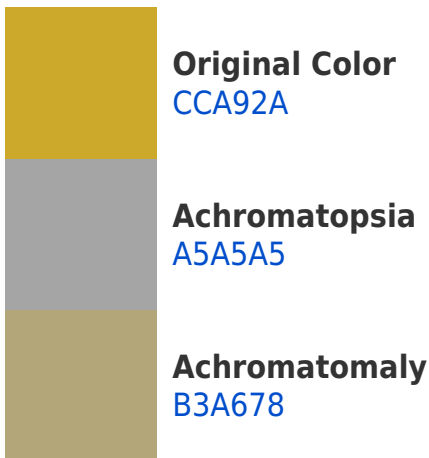


Tritanopia
D59EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCA92A 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 #CCA92A looks like.

```
.text, #text, p{  
    color:#CCA92A  
}
```

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 #CCA92A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCA92A
}
```

Border

The CSS property to change the border of an element to Hex CCA92A 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
#CCA92A }
```

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

```
.border{ border-color:#CCA92A }
```

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

Here you see how a box with a 4 pixel #CCA92A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCA92A; -webkit-box-shadow:4px 4px  
4px 4px #CCA92A; box-shadow:4px 4px 4px  
4px #CCA92A }
```

Background

The CSS property to change the background color of an element to Hex CCA92A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA92A }
```

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

```
.background{ background-color:#CCA92A }
```

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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