

Converting Colors

Hex(CCAD11)

Have a look what the booklet for
Hex(CCAD11) contains.

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Color

Hex(CCAD11)

Conversions

Conversions Part 1

Format	Color
Hex	CCAD11
RGB	204, 173, 17
RGB Percent	80%, 68%, 7%
CMY	0.2000, 0.3216, 0.9333
CMYK	0.00, 0.15, 0.92, 0.20
HSL	50°, 85%, 43%
HSV	50°, 92%, 80%
XYZ	39.9466, 42.7650, 6.6794
YIQ	164.4850, 68.5520, -41.9440

Conversions

Conversions Part 2

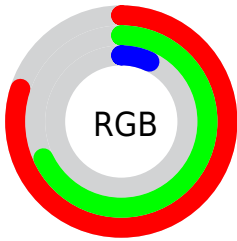
Format	Color
RYB	54, 204, 17
Decimal	13413649
CIELab	71.40, -2.18, 71.80
CIELCh	71, 71.836, 91.736
Yxy	42.7650, 0.4469, 0.4784
Android (android.graphics.Color)	4291603729 (0xFFCCAD11)
YUV	164.4850, -72.7101, 34.6547
Hunter-Lab	65.3949, -5.4042, 39.7206

Details

The Hex color **CCAD11** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **1130CC**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFE454**, and **917900** is the 20% darker color. If you saturate the color by 10%, you get **CCAA00**, and if you desaturate by 10%, it is **CCB025**.

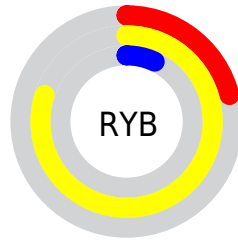
Distribution



Red (80%)

Green (68%)

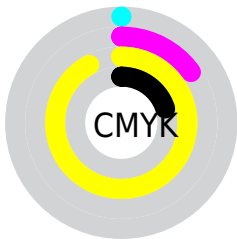
Blue (7%)



Red (21%)

Yellow (80%)

Blue (7%)

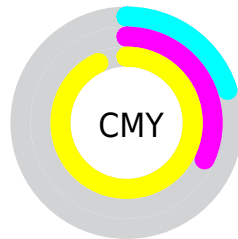


Cyan (0%)

Magenta (15%)

Yellow (92%)

Black (20%)



Cyan (20%)

Magenta (32%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCAD11 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 CCAD11 by changing the saturation by 10% instead.

 CCAD11

 CCAD11

FFFFFF

 AE9300

 FFE454

 917900

 FFFF70

 756100

 FFFF8C

 584900

 FFFFA9

 3E3300

 FFFFC5

 251E00

 FFFF E3

 020700

 000000

 CCAD11

 CCAD11

■ CCAA00

■ CCB025

■ CCB43A

■ CCB74E

■ CCBB63

■ CCBE77

■ CCC18B

■ CCC5A0

■ CCC8B4

■ CCCBC9

Harmonies

Analogous

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



FF9437



CCAD11



8ABF33

Triad

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



CCAD11



00CDF2



FF7EEE

Complementary

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



CCAD11



1130CC

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.



B39CFF



CCAD11



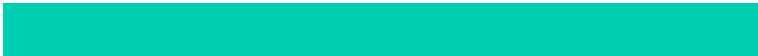
00C5FF

Square

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



CCAD11



00CDB1



00B5FF



FF6EAE

Rectangle

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



CCAD11



4BC659



00B5FF



EC88FF

Sweetspot

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



CCAD11



FFF3B8



CC1130



807854



000000



808080

Same Dimension

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



CCAD11



FFD500



8ECC11



66645C



A68A00



262000

Inverse Universe

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



1130CC



002AFF



4F11CC



5C5D66



001BA6



000626

Previews

White Background



This preview shows how the Hex color CCAD11 looks on a white background.

Color Contrast Check

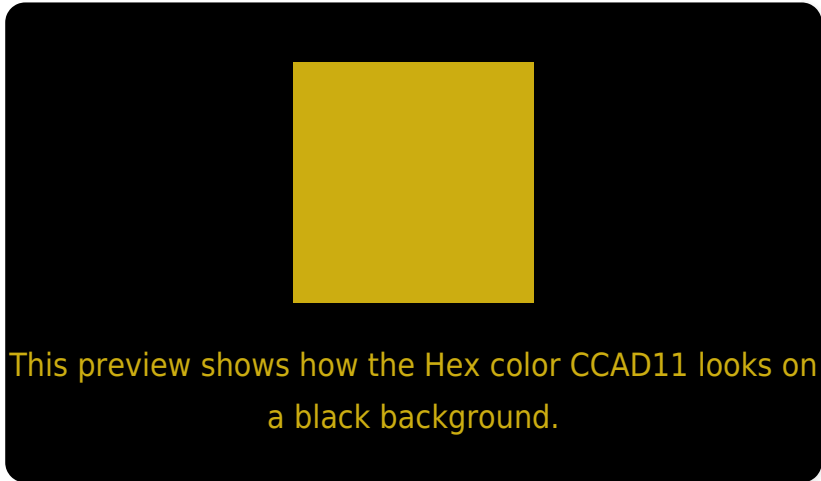
Large Text (above 18pt) WCAG AA × Fail

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 CCAD11 Background



This preview shows how black text looks on a background with the Hex color CCAD11.



This preview shows how white text looks on a background with the Hex color CCAD11.

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
CCAD11

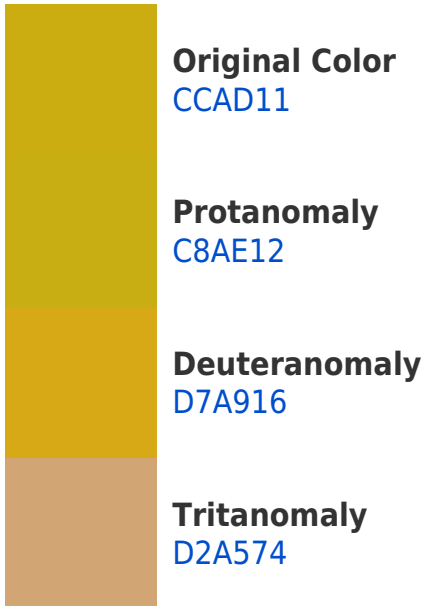
Protanopia
C5AF12

Deuteranopia
DDA619

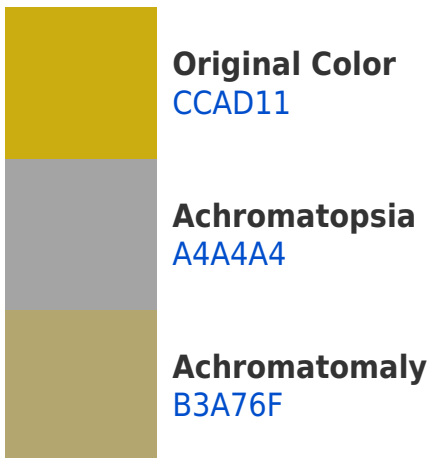


Tritanopia
D5A1AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCAD11 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 #CCAD11 looks like.

```
.text, #text, p{  
    color:#CCAD11  
}
```

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 #CCAD11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCAD11
}
```

Border

The CSS property to change the border of an element to Hex CCAD11 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
#CCAD11 }
```

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

```
.border{ border-color:#CCAD11 }
```

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

Here you see how a box with a 4 pixel #CCAD11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCAD11; -webkit-box-shadow:4px 4px  
4px 4px #CCAD11; box-shadow:4px 4px 4px  
4px #CCAD11 }
```

Background

The CSS property to change the background color of an element to Hex CCAD11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCAD11 }
```

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

```
.background{ background-color:#CCAD11 }
```

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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