

# Converting Colors

Hex(C2AD15)

Have a look what the booklet for  
Hex(C2AD15) contains.

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# **Color**

**Hex(C2AD15)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2AD15
RGB	194, 173, 21
RGB Percent	76%, 68%, 8%
CMY	0.2392, 0.3216, 0.9176
CMYK	0.00, 0.11, 0.89, 0.24
HSL	53°, 80%, 42%
HSV	53°, 89%, 76%
XYZ	37.3271, 41.4106, 6.7352
YIQ	161.9510, 61.3080, -42.8200

# Conversions

## Conversions Part 2

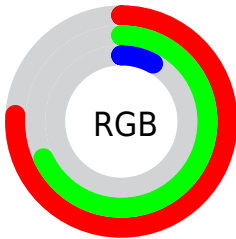
Format	Color
R <sub>Y</sub> B	45, 194, 21
Decimal	12758293
CIE Lab	70.46, -6.53, 69.98
CIE LCh	70, 70.281, 95.330
Yxy	41.4106, 0.4367, 0.4845
Android (android.graphics.Color)	4290948373 (0xFFC2AD15)
YUV	161.9510, -69.4888, 28.1070
Hunter-Lab	64.3511, -9.0749, 38.8403

# Details

The Hex color **C2AD15** is a dark color, and the websafe version is hex **999900**. The color can be described as dark washed orange. A complement of this color would be **152AC2**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FEE456**, and **887900** is the 20% darker color. If you saturate the color by 10%, you get **C2AB02**, and if you desaturate by 10%, it is **C2AF28**.

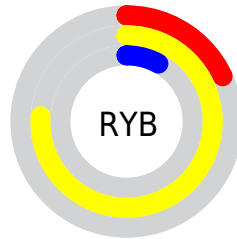
# Distribution



Red (76%)

Green (68%)

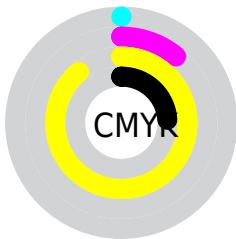
Blue (8%)



Red (18%)

Yellow (76%)

Blue (8%)

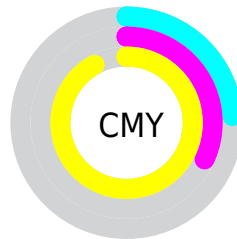


Cyan (0%)

Magenta (11%)

Yellow (89%)

Black (24%)



Cyan (24%)

Magenta (32%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2AD15 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 C2AD15 by changing the saturation by 10% instead.



 C2AD15

 C2AD15

FFFFFF

 A59300

 FEE456

 887900

 FFFF72

 6C6100

 FFFF8E

 504900

 FFFFFA

 363300

 FFFFC6

 1D1E00

 FFFFE4

 000300

 000000

 C2AD15

 C2AD15

 C2AB02

 C2AF28

 C2AA00

 C2B23C

 C2B44F

 C2B663

 C2B976

 C2BB89

 C2BD9D

 C2C0B0

 C2C2C4

# Harmonies

## Analogous

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



F69532



C2AD15



7FBD3A

# Triad

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



C2AD15



00C9F5



FF7AE3

# Complementary

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



C2AD15



152AC2

# 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.



BD96FF



C2AD15



00C1FF

# Square

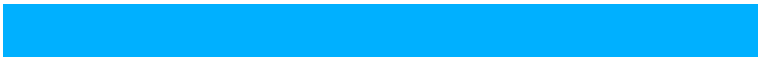
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C2AD15



00CAB6



00B0FF



FF6DA4

# Rectangle

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



C2AD15



3CC45F



00B0FF



F083F6



# Sweetspot

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



C2AD15



FCF4B8



C2152C



807B57



000000



808080



# Same Dimension

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



C2AD15



FCDE00



83C215



616057



A18D00



211D00



# Inverse Universe

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



152AC2



001FFC



5415C2



575861



0014A1



000421



# Previews

## White Background



This preview shows how the Hex color C2AD15 looks on a white background.

## Color Contrast Check

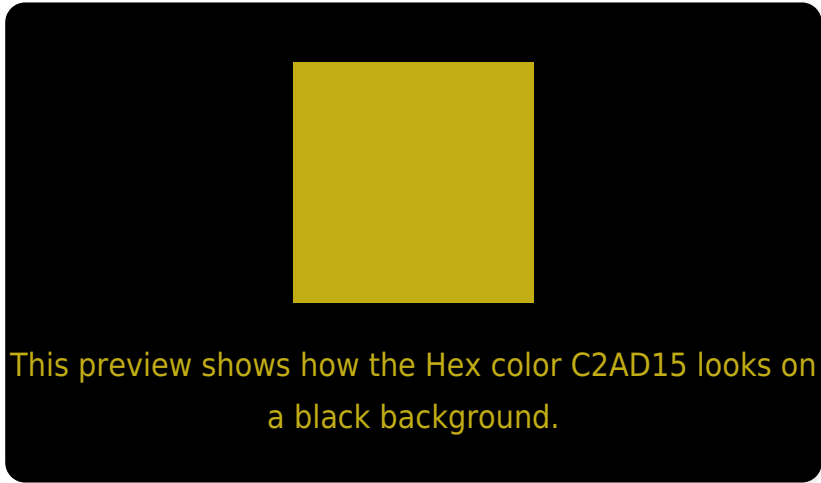
Large Text (above 18pt) WCAG AA × Fail

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 C2AD15 Background



This preview shows how black text looks on a background with the Hex color C2AD15.



This preview shows how white text looks on a background with the Hex color C2AD15.

# 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



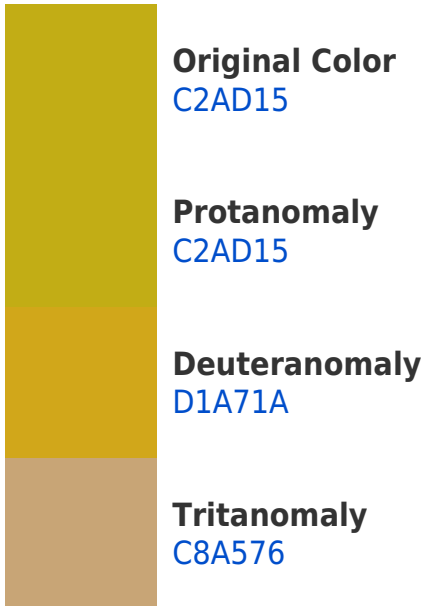
**Original Color**  
C2AD15

**Protanopia**  
C2AD15

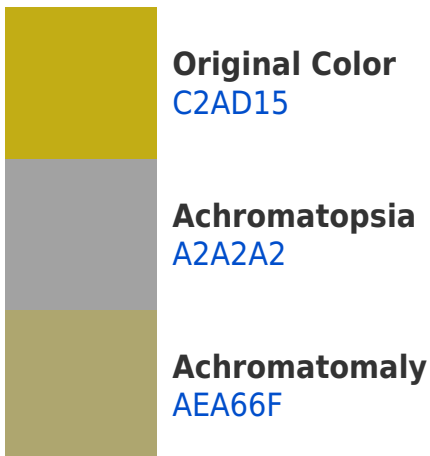
**Deuteranopia**  
DAA41D



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2AD15 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 #C2AD15 looks like.

```
.text, #text, p{  
    color:#C2AD15  
}
```

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 #C2AD15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2AD15
}
```

## Border

The CSS property to change the border of an element to Hex C2AD15 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
#C2AD15 }
```

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

```
.border{ border-color:#C2AD15 }
```

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

Here you see how a box with a 4 pixel #C2AD15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2AD15; -webkit-box-shadow:4px 4px  
4px 4px #C2AD15; box-shadow:4px 4px 4px  
4px #C2AD15 }
```

# Background

The CSS property to change the background color of an element to Hex C2AD15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2AD15 }
```

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

```
.background{ background-color:#C2AD15 }
```

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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