

Converting Colors

Hex(C4A619)

Have a look what the booklet for
Hex(C4A619) contains.

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Color

Hex(C4A619)

Conversions

Conversions Part 1

Format	Color
Hex	C4A619
RGB	196, 166, 25
RGB Percent	77%, 65%, 10%
CMY	0.2314, 0.3490, 0.9020
CMYK	0.00, 0.15, 0.87, 0.23
HSL	49°, 77%, 43%
HSV	49°, 87%, 77%
XYZ	36.5766, 39.0784, 6.5348
YIQ	158.8960, 63.1410, -37.4910

Conversions

Conversions Part 2

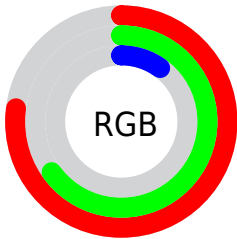
Format	Color
RYB	61, 196, 25
Decimal	12887577
CIELab	68.81, -1.87, 67.92
CIELCh	69, 67.942, 91.575
Yxy	39.0784, 0.4450, 0.4755
Android (android.graphics.Color)	4291077657 (0xFFC4A619)
YUV	158.8960, -66.0107, 32.5402
Hunter-Lab	62.5127, -4.9556, 37.5610

Details

The Hex color **C4A619** 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 **1937C4**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFDD57**, and **8A7300** is the 20% darker color. If you saturate the color by 10%, you get **C4A305**, and if you desaturate by 10%, it is **C4A92D**.

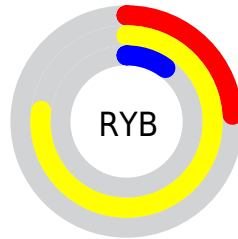
Distribution



Red (77%)

Green (65%)

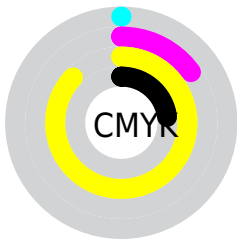
Blue (10%)



Red (24%)

Yellow (77%)

Blue (10%)

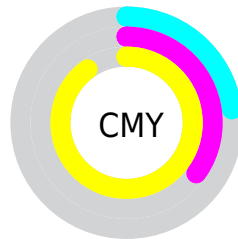


Cyan (0%)

Magenta (15%)

Yellow (87%)

Black (23%)



Cyan (23%)

Magenta (35%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4A619 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 C4A619 by changing the saturation by 10% instead.

 C4A619

 C4A619

FFFFFF

 A78C00

 FFDD57

 8A7300

 FFF972

 6E5A00

 FFFF8E

 524300

 FFFFAA

 372D00

 FFFFC7

 1F1900

 FFFFE4

 000000

 C4A619

 C4A619

 C4A305

 C4A92D

 C4A200

 C4AD40

 C4B054

 C4B467

 C4B77B

 C4BB8F

 C4BEA2

 C4C2B6

 C4C5C9

Harmonies

Analogous

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



F48F38



C4A619



86B734

Triad

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



C4A619



00C4E7



F47BE3

Complementary

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



C4A619



1937C4

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.



AC96FF



C4A619



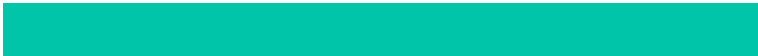
00BDFF

Square

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



C4A619



00C5A9



00AEFF



FF6CA7

Rectangle

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



C4A619



4DBE57



00AEFF



E184F5

Sweetspot

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



C4A619



FFF3BD



C41938



807958



000000



808080

Same Dimension

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



C4A619



FFD200



8EC419



615F57



A18400



211B00

Inverse Universe

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



1937C4



002DFF



4F19C4



575961



001CA1



000621

Previews

White Background



This preview shows how the Hex color C4A619 looks on a white background.

Color Contrast Check

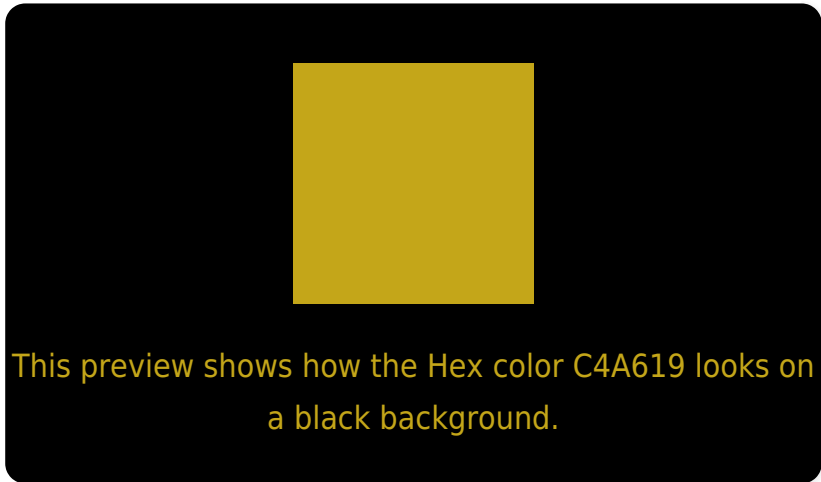
Large Text (above 18pt) WCAG AA × Fail

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 C4A619 Background



This preview shows how black text looks on a background with the Hex color C4A619.

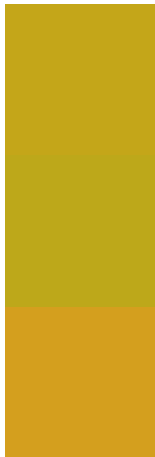


This preview shows how white text looks on a background with the Hex color C4A619.

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
C4A619

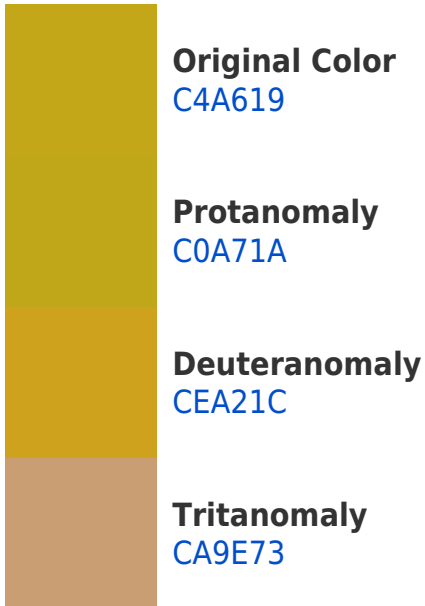
Protanopia
BDA81A

Deuteranopia
D49F1E

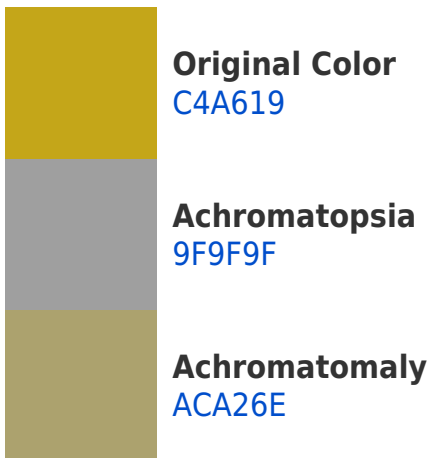


Tritanopia
CD9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4A619 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 #C4A619 looks like.

```
.text, #text, p{  
    color:#C4A619  
}
```

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 #C4A619 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4A619
}
```

Border

The CSS property to change the border of an element to Hex C4A619 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
#C4A619 }
```

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

```
.border{ border-color:#C4A619 }
```

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

Here you see how a box with a 4 pixel #C4A619 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4A619; -webkit-box-shadow:4px 4px  
4px 4px #C4A619; box-shadow:4px 4px 4px  
4px #C4A619 }
```

Background

The CSS property to change the background color of an element to Hex C4A619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4A619 }
```

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

```
.background{ background-color:#C4A619 }
```

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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