

# Converting Colors

Hex(C2A629)

Have a look what the booklet for  
Hex(C2A629) contains.

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**Color**

**Hex(C2A629)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2A629
RGB	194, 166, 41
RGB Percent	76%, 65%, 16%
CMY	0.2392, 0.3490, 0.8392
CMYK	0.00, 0.14, 0.79, 0.24
HSL	49°, 65%, 46%
HSV	49°, 79%, 76%
XYZ	36.2846, 38.9019, 7.6942
YIQ	160.1220, 56.8130, -32.9390

# Conversions

## Conversions Part 2

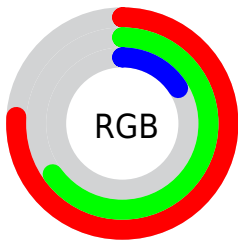
Format	Color
<a href="#">RYB</a>	<a href="#">75, 194, 41</a>
Decimal	<a href="#">12756521</a>
CIELab	<a href="#">68.68, -2.29, 63.31</a>
CIELCh	<a href="#">69, 63.356, 92.068</a>
Yxy	<a href="#">38.9019, 0.4378, 0.4694</a>
Android (android.graphics.Color)	<a href="#">4290946601</a> ( <a href="#">0xFFC2A629</a> )
YUV	<a href="#">160.1220, -58.7271, 29.7110</a>
Hunter-Lab	<a href="#">62.3714, -5.3074, 36.3458</a>

# Details

The Hex color **C2A629** 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 **2945C2**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FEDD61**, and **887300** is the 20% darker color. If you saturate the color by 10%, you get **C2A216**, and if you desaturate by 10%, it is **C2AA3C**.

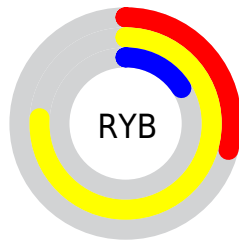
# Distribution



Red (76%)

Green (65%)

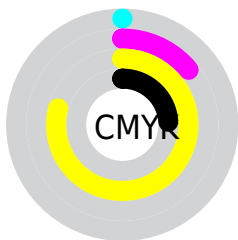
Blue (16%)



Red (29%)

Yellow (76%)

Blue (16%)

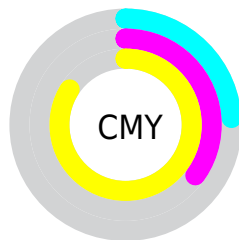


Cyan (0%)

Magenta (14%)

Yellow (79%)

Black (24%)



Cyan (24%)

Magenta (35%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2A629 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 C2A629 by changing the saturation by 10% instead.



 C2A629

 C2A629

FFFFFF

 A58C00

 FEDD61

 887300

 FFF97C

 6C5A00

 FFFF98

 514300

 FFFFFB4

 362D00

 FFFFFD0

 1E1900

 FFFFFED

 000000

 C2A629

 C2A629

 C2A216

 C2AA3C

 C29F02

 C2AD50

 C29E00

 C2B163

 C2B477

 C2B88A

 C2BB9D

 C2BFB1

 C2C2C4

 C2C6D8

# Harmonies

## Analogous

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



F09040



C2A629



88B63F

# Triad

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



C2A629



00C2E3



F07FDE

# Complementary

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



C2A629



2945C2

# 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.



AE97FF



C2A629



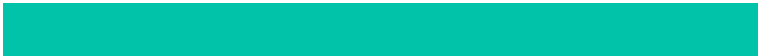
00BBFF

# Square

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



C2A629



00C3AA



02ADFF



FF72A6

# Rectangle

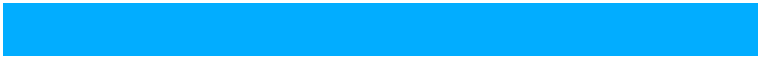
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C2A629



54BD5D



02ADFF



DE86EF

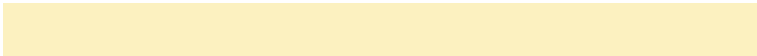


# Sweetspot

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



C2A629



FCF1C0



C22945



80795B



000000



808080



# Same Dimension

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



C2A629



FCD10D



92C229



615F57



A18300



211B00



# Inverse Universe

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



2945C2



0D39FC



5929C2



575961



001DA1



000621



# Previews

## White Background



This preview shows how the Hex color C2A629 looks on a white background.

## Color Contrast Check

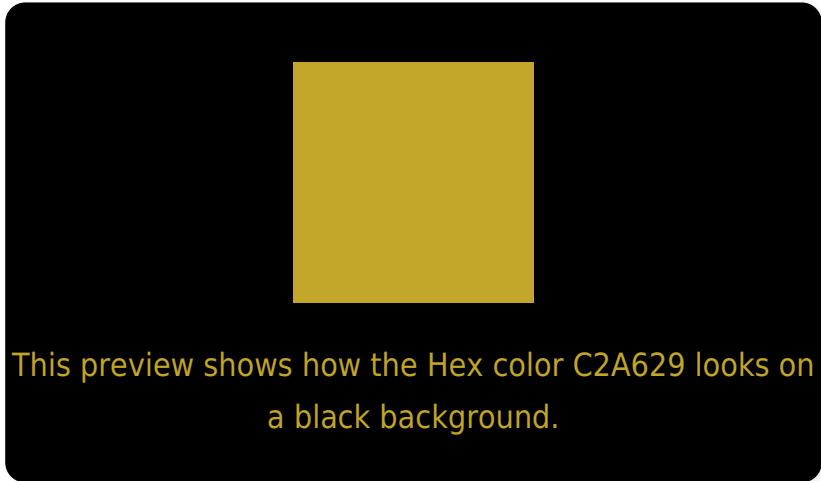
Large Text (above 18pt) WCAG AA × Fail

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 C2A629 Background



This preview shows how black text looks on a background with the Hex color C2A629.

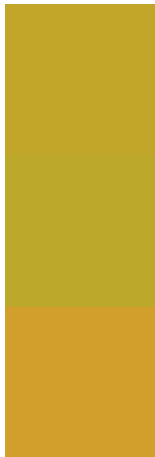


This preview shows how white text looks on a background with the Hex color C2A629.

# 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**  
C2A629

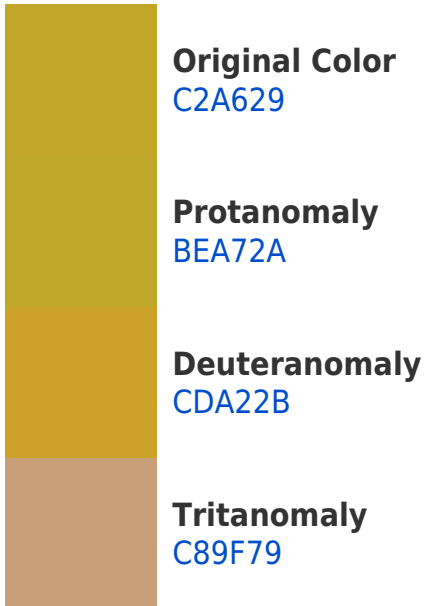
**Protanopia**  
BCA82A

**Deuteranopia**  
D39F2C

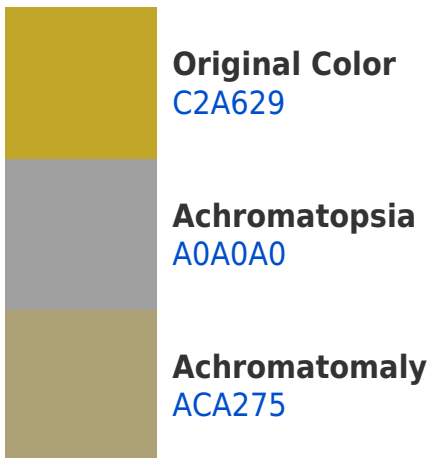


**Tritanopia**  
CB9BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2A629 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 #C2A629 looks like.

```
.text, #text, p{  
    color:#C2A629  
}
```

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 #C2A629 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2A629
}
```

## Border

The CSS property to change the border of an element to Hex C2A629 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
#C2A629 }
```

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

```
.border{ border-color:#C2A629 }
```

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

Here you see how a box with a 4 pixel #C2A629 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2A629; -webkit-box-shadow:4px 4px  
4px 4px #C2A629; box-shadow:4px 4px 4px  
4px #C2A629 }
```

# Background

The CSS property to change the background color of an element to Hex C2A629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2A629 }
```

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

```
.background{ background-color:#C2A629 }
```

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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