

# Converting Colors

Hex(C2A430)

Have a look what the booklet for  
Hex(C2A430) contains.

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**Color**

**Hex(C2A430)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2A430
RGB	194, 164, 48
RGB Percent	76%, 64%, 19%
CMY	0.2392, 0.3569, 0.8118
CMYK	0.00, 0.15, 0.75, 0.24
HSL	48°, 60%, 47%
HSV	48°, 75%, 76%
XYZ	36.0571, 38.2337, 8.2757
YIQ	159.7460, 55.1160, -29.7160

# Conversions

## Conversions Part 2

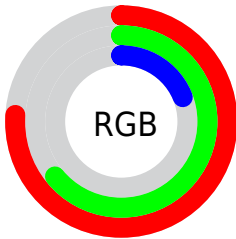
Format	Color
<a href="#">RYB</a>	<a href="#">86, 194, 48</a>
Decimal	<a href="#">12756016</a>
CIELab	<a href="#">68.19, -0.94, 60.44</a>
CIELCh	<a href="#">68, 60.448, 90.895</a>
Yxy	<a href="#">38.2337, 0.4367, 0.4631</a>
Android (android.graphics.Color)	<a href="#">4290946096</a> ( <a href="#">0xFFC2A430</a> )
YUV	<a href="#">159.7460, -55.0908, 30.0408</a>
Hunter-Lab	<a href="#">61.8334, -4.1191, 35.3480</a>

# Details

The Hex color **C2A430** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **304EC2**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FEDB66**, and **887100** is the 20% darker color. If you saturate the color by 10%, you get **C2A01D**, and if you desaturate by 10%, it is **C2A843**.

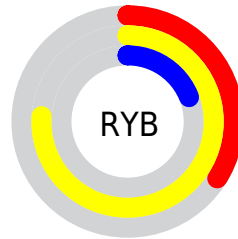
# Distribution



Red (76%)

Green (64%)

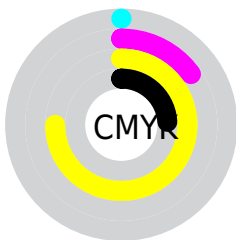
Blue (19%)



Red (34%)

Yellow (76%)

Blue (19%)

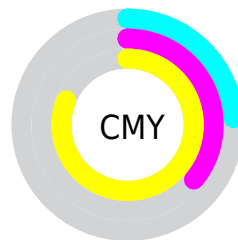


Cyan (0%)

Magenta (15%)

Yellow (75%)

Black (24%)



Cyan (24%)

Magenta (36%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2A430 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 C2A430 by changing the saturation by 10% instead.



 C2A430

 C2A430

FFFFFF

 A58A0E

 FEDB66

 887100

 FFF781

 6D5800

 FFFF9D

 514100

 FFFFFB9

 372C00

 FFFFFD5

 1E1800

 FFFFFF2

 000000

 C2A430

 C2A430

 C2A01D

 C2A843

 C29C09

 C2AC57

 C29A00

 C2B06A

 C2B47E

 C2B891

 C2BCA4

 C2C0B8

 C2C4CB

 C2C8DF

# Harmonies

## Analogous

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



ED9046



C2A430



8BB342

# Triad

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



C2A430



00C0DD



EA81DC

# Complementary

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



C2A430



304EC2

# 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.



AA97FF



C2A430



00B9FF

# Square

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



C2A430



00C1A6



18ACFF



FF74A7

# Rectangle

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



C2A430



5CBA5E



18ACFF



D988EC



# Sweetspot

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



C2A430



FCF1C2



C23050



80785C



000000



808080



# Same Dimension

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



C2A430



FCCE19



99C230



615F57



A18000



211A00



# Inverse Universe

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



304EC2



1948FC



5930C2



575961



0021A1



000721



# Previews

## White Background



This preview shows how the Hex color C2A430 looks on a white background.

## Color Contrast Check

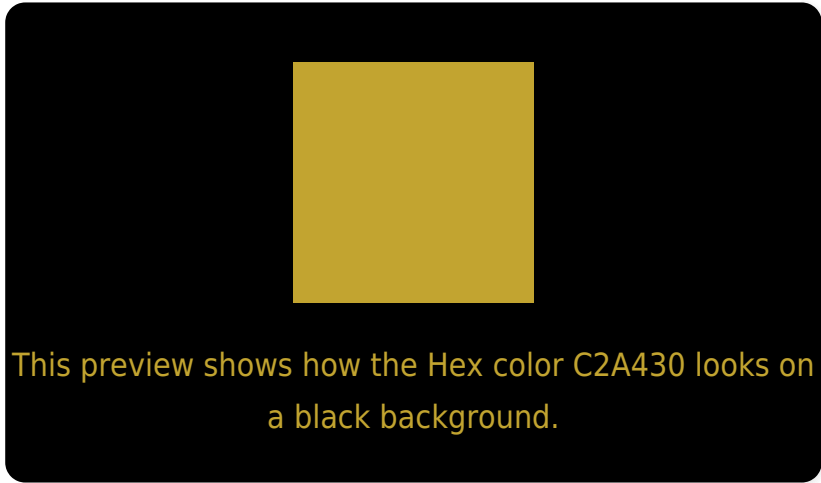
Large Text (above 18pt) WCAG AA × Fail

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 C2A430 Background



This preview shows how black text looks on a background with the Hex color C2A430.



This preview shows how white text looks on a background with the Hex color C2A430.

# 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**  
C2A430

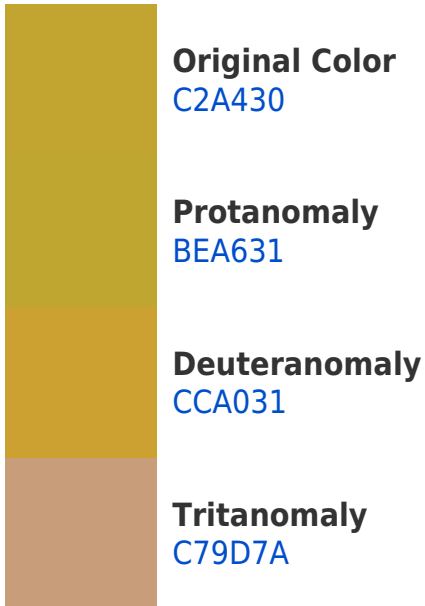
**Protanopia**  
BBA731

**Deuteranopia**  
D19E32

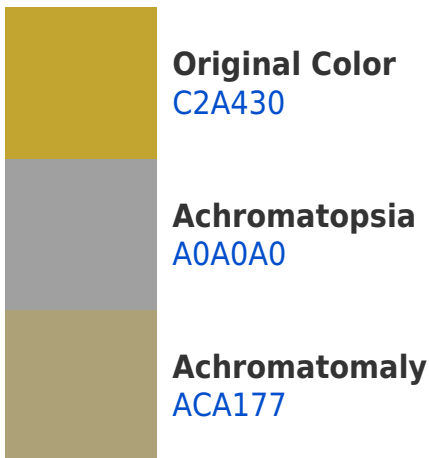


**Tritanopia**  
CA99A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2A430 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 #C2A430 looks like.

```
.text, #text, p{  
    color:#C2A430  
}
```

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 #C2A430 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2A430
}
```

## Border

The CSS property to change the border of an element to Hex C2A430 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
#C2A430 }
```

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

```
.border{ border-color:#C2A430 }
```

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

Here you see how a box with a 4 pixel #C2A430 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2A430; -webkit-box-shadow:4px 4px  
4px 4px #C2A430; box-shadow:4px 4px 4px  
4px #C2A430 }
```

# Background

The CSS property to change the background color of an element to Hex C2A430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2A430 }
```

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

```
.background{ background-color:#C2A430 }
```

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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