

Converting Colors

Hex(C2A230)

Have a look what the booklet for
Hex(C2A230) contains.

Hex(C2A230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C2A230)

Conversions

Conversions Part 1

Format	Color
Hex	C2A230
RGB	194, 162, 48
RGB Percent	76%, 64%, 19%
CMY	0.2392, 0.3647, 0.8118
CMYK	0.00, 0.16, 0.75, 0.24
HSL	47°, 60%, 47%
HSV	47°, 75%, 76%
XYZ	35.7020, 37.5234, 8.1573
YIQ	158.5720, 55.6660, -28.6700

Conversions

Conversions Part 2

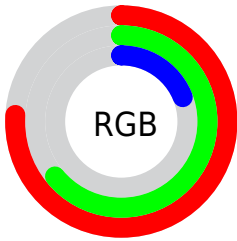
Format	Color
RYB	89, 194, 48
Decimal	12755504
CIELab	67.67, 0.13, 59.94
CIELCh	68, 59.942, 89.880
Yxy	37.5234, 0.4387, 0.4611
Android (android.graphics.Color)	4290945584 (0xFFC2A230)
YUV	158.5720, -54.5120, 31.0704
Hunter-Lab	61.2563, -3.1636, 34.9839

Details

The Hex color **C2A230** 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 **3050C2**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FED966**, and **886F00** is the 20% darker color. If you saturate the color by 10%, you get **C29E1D**, and if you desaturate by 10%, it is **C2A643**.

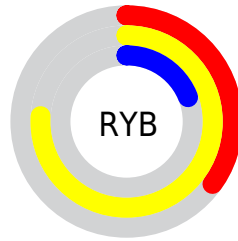
Distribution



Red (76%)

Green (64%)

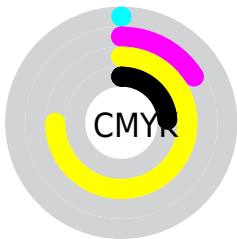
Blue (19%)



Red (35%)

Yellow (76%)

Blue (19%)

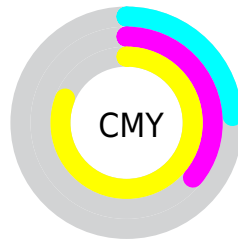


Cyan (0%)

Magenta (16%)

Yellow (75%)

Black (24%)



Cyan (24%)

Magenta (36%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2A230 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 C2A230 by changing the saturation by 10% instead.

 C2A230

 C2A230

FFFFFF

 A5880F

 FED966

 886F00

 FFF581

 6D5700


 FFFF9D

 514000

 FFFFFB8

 372A00

 FFFFFD5

 1E1600

 FFFFFF2

 000000

 C2A230

 C2A230

 C29E1D

 C2A643

 C29909

 C2AB57

 C29700

 C2AF6A

 C2B37E

 C2B791

 C2BCA4

 C2C0B8

 C2C4CB

 C2C8DF

Harmonies

Analogous

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



EC8E47



C2A230



8CB140

Triad

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



C2A230



00BED9



E680DC

Complementary

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



C2A230



3050C2

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.



A597FF



C2A230



00B8FF

Square

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



C2A230



00BFA3



00ABFF



FF73A7

Rectangle

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



C2A230



5EB85C



00ABFF



D587EB

Sweetspot

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



C2A230



FCF0C2



C23052



80785C



000000



808080

Same Dimension

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



C2A230



FCCB19



9BC230



615F57



A17D00



211A00

Inverse Universe

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



3050C2



194BFC



5730C2



575961



0023A1



000721

Previews

White Background



This preview shows how the Hex color C2A230 looks on a white background.

Color Contrast Check

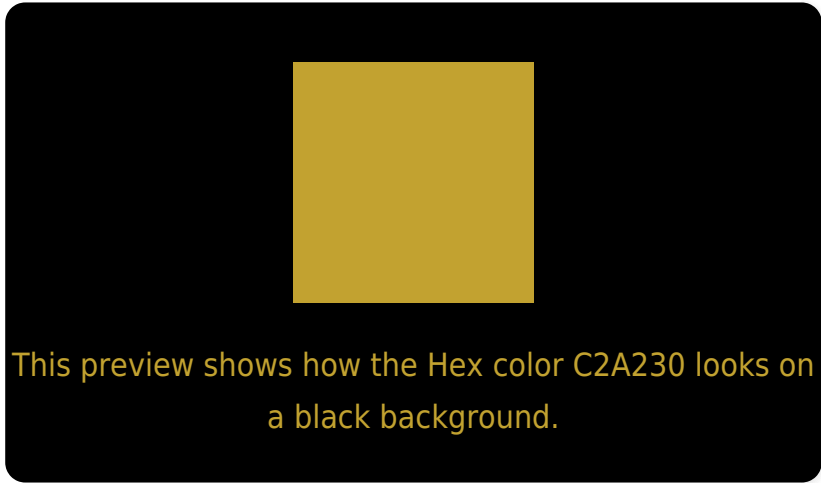
Large Text (above 18pt) WCAG AA × Fail

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 C2A230 Background



This preview shows how black text looks on a background with the Hex color C2A230.



This preview shows how white text looks on a background with the Hex color C2A230.

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
C2A230

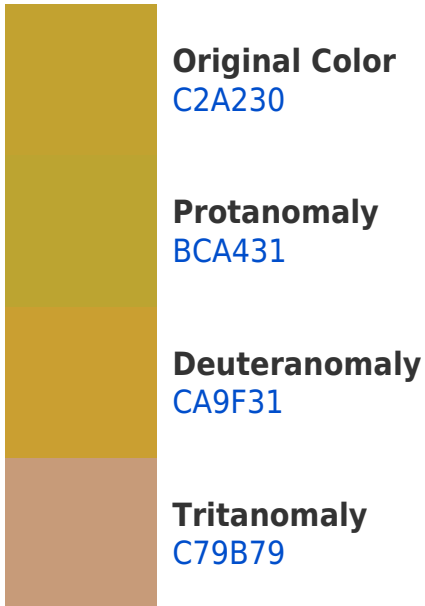
Protanopia
B9A531

Deuteranopia
CF9D32

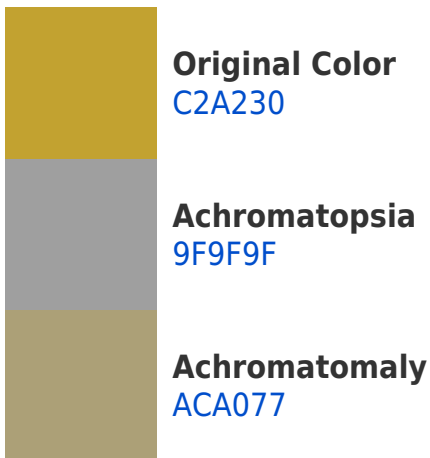


Tritanopia
CA97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C2A230 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 #C2A230 looks like.

```
.text, #text, p{  
    color:#C2A230  
}
```

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 #C2A230 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2A230
}
```

Border

The CSS property to change the border of an element to Hex C2A230 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
#C2A230 }
```

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

```
.border{ border-color:#C2A230 }
```

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

Here you see how a box with a 4 pixel #C2A230 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2A230; -webkit-box-shadow:4px 4px  
4px 4px #C2A230; box-shadow:4px 4px 4px  
4px #C2A230 }
```

Background

The CSS property to change the background color of an element to Hex C2A230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2A230 }
```

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

```
.background{ background-color:#C2A230 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor