

# Converting Colors

Hex(C2B25A)

Have a look what the booklet for  
Hex(C2B25A) contains.

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# **Color**

**Hex(C2B25A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2B25A
RGB	194, 178, 90
RGB Percent	76%, 70%, 35%
CMY	0.2392, 0.3020, 0.6471
CMYK	0.00, 0.08, 0.54, 0.24
HSL	51°, 46%, 56%
HSV	51°, 54%, 76%
XYZ	40.0140, 44.0483, 16.0661
YIQ	172.7520, 37.7840, -23.9760

# Conversions

## Conversions Part 2

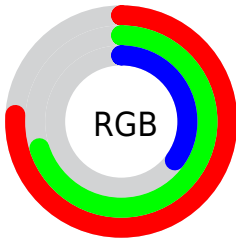
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 194, 90
Decimal	12759642
CIELab	72.26, -5.70, 46.49
CIELCh	72, 46.836, 96.986
Yxy	44.0483, 0.3996, 0.4399
Android (android.graphics.Color)	4290949722 (0xFFC2B25A)
YUV	172.7520, -40.7967, 18.6345
Hunter-Lab	66.3689, -8.5274, 32.1058

# Details

The Hex color **C2B25A** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **5A6AC2**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FCEA8E**, and **8A7E27** is the 20% darker color. If you saturate the color by 10%, you get **C2AF47**, and if you desaturate by 10%, it is **C2B56D**.

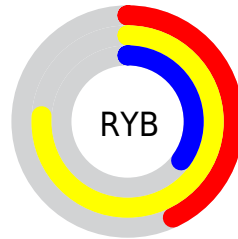
# Distribution



Red (76%)

Green (70%)

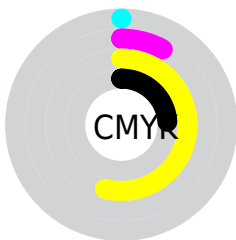
Blue (35%)



Red (43%)

Yellow (76%)

Blue (35%)

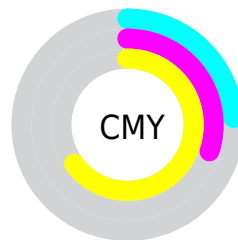


Cyan (0%)

Magenta (8%)

Yellow (54%)

Black (24%)



Cyan (24%)

Magenta (30%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2B25A 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 C2B25A by changing the saturation by 10% instead.



 C2B25A

 C2B25A

FFFFFF

 A69741

 FCEA8E

 8A7E27

 FFFFA9

 6F650A

 FFFFC5

 554D00

 FFFFFE2

 3B3700

 222100

 000C00

 000000

 C2B25A

 C2B25A

 C2AF47

 C2B56D

 C2AC33

 C2B881

 C2A920

 C2BB94

 C2A60C

 C2BEA8

 C2A400

 C2C1BB

 C2C4CE

 C2C7E2

 C2CAF5

 C2CDFF

# Harmonies

## Analogous

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



E7A363



C2B25A



94BE6B

# Triad

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



C2B25A



00C6E3



EE94D4

# Complementary

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



C2B25A



5A6AC2

# 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.



C2A2F6



C2B25A



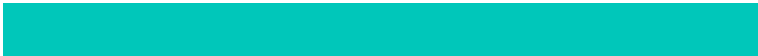
00BFFF

# Square

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



C2B25A



00C7BA



7EB2FF



FF8EA9

# Rectangle

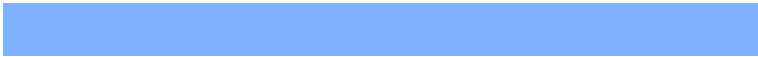
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C2B25A



70C381



7EB2FF



E298E0



# Sweetspot

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



C2B25A



FCF6D4



C25A6B



807C67



000000



808080



# Same Dimension

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



C2B25A



FCE45B



9FC25A



615F57



A18800



211C00



# Inverse Universe

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



5A6AC2



5B74FC



7D5AC2



575961



0019A1



000521



# Previews

## White Background



This preview shows how the Hex color C2B25A 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

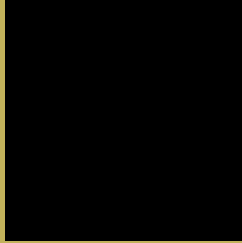
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C2B25A Background



This preview shows how black text looks on a background with the Hex color C2B25A.



This preview shows how white text looks on a background with the Hex color C2B25A.

# 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**  
C2B25A

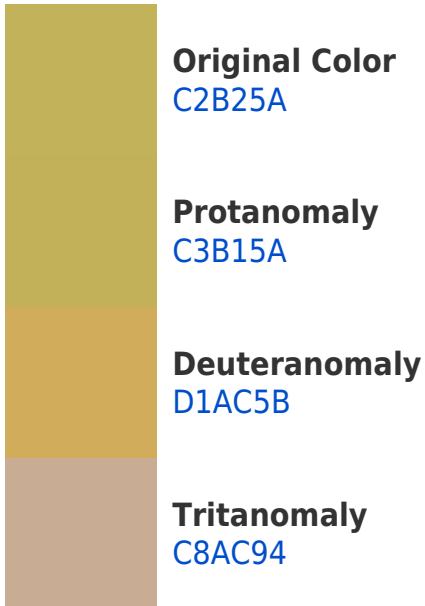
**Protanopia**  
C4B15A

**Deuteranopia**  
D9A95C

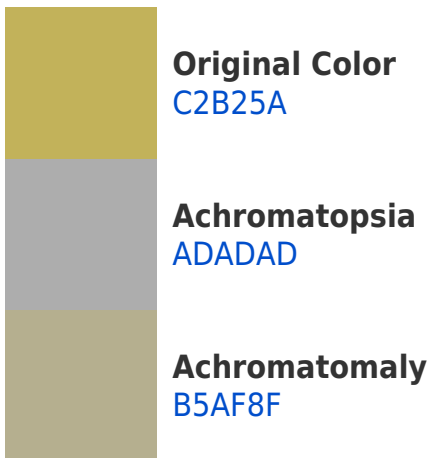


**Tritanopia**  
CBA8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2B25A 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 #C2B25A looks like.

```
.text, #text, p{  
    color:#C2B25A  
}
```

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 #C2B25A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2B25A
}
```

## Border

The CSS property to change the border of an element to Hex C2B25A 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
#C2B25A }
```

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

```
.border{ border-color:#C2B25A }
```

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

Here you see how a box with a 4 pixel #C2B25A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2B25A; -webkit-box-shadow:4px 4px  
4px 4px #C2B25A; box-shadow:4px 4px 4px  
4px #C2B25A }
```

# Background

The CSS property to change the background color of an element to Hex C2B25A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2B25A }
```

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

```
.background{ background-color:#C2B25A }
```

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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