

# Converting Colors

Hex(C1B36B)

Have a look what the booklet for  
Hex(C1B36B) contains.

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# **Color**

**Hex(C1B36B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1B36B
RGB	193, 179, 107
RGB Percent	76%, 70%, 42%
CMY	0.2431, 0.2980, 0.5804
CMYK	0.00, 0.07, 0.45, 0.24
HSL	50°, 41%, 59%
HSV	50°, 45%, 76%
XYZ	40.7663, 44.6392, 20.3775
YIQ	174.9780, 31.4560, -19.4240

# Conversions

## Conversions Part 2

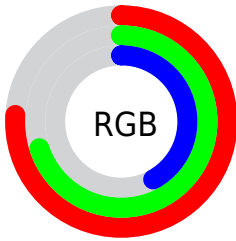
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">124, 193, 107</a>
Decimal	<a href="#">12694379</a>
CIELab	<a href="#">72.65, -5.06, 38.45</a>
CIElCh	<a href="#">73, 38.782, 97.491</a>
Yxy	<a href="#">44.6392, 0.3854, 0.4220</a>
Android (android.graphics.Color)	<a href="#">4290884459 (0xFFC1B36B)</a>
YUV	<a href="#">174.9780, -33.5132, 15.8053</a>
Hunter-Lab	<a href="#">66.8126, -8.0087, 28.6856</a>

# Details

The Hex color **C1B36B** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **6B79C1**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FBEB A0**, and **8A7F39** is the 20% darker color. If you saturate the color by 10%, you get **C1B058**, and if you desaturate by 10%, it is **C1B67E**.

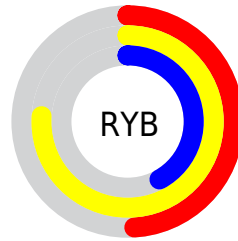
# Distribution



Red (76%)

Green (70%)

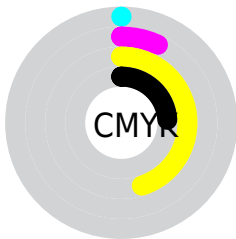
Blue (42%)



Red (49%)

Yellow (76%)

Blue (42%)

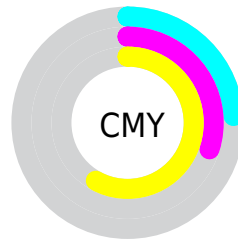


Cyan (0%)

Magenta (7%)

Yellow (45%)

Black (24%)



Cyan (24%)

Magenta (30%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1B36B 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 C1B36B by changing the saturation by 10% instead.



 C1B36B

 C1B36B

FFFFFF

 A59852

 FBEB A0

 8A7F39

 FFFFBB

 6F6621

 FFFFD7

 554E07

 FFFFF4

 3D3700

 242200

 020D00

 000000

 C1B36B

 C1B36B

 C1B058

 C1B67E

 C1AD44

 C1B992

 C1AA31

 C1BCA5

 C1A61E

 C1C0B8

 C1A30B

 C1C3CB

 C1A200

 C1C6DF

 C1C9F2

 C1CCFF

 C1CFFF

# Harmonies

## Analogous

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



E0A771



C1B36B



9BBD79

# Triad

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



C1B36B



19C3DC



E69BCE

# Complementary

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



C1B36B



6B79C1

# 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.



C2A6EB



C1B36B



4FBDF3

# Square

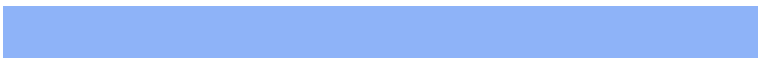
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C1B36B



3DC5BA



8EB3F8



F797AB

# Rectangle

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



C1B36B



7EC18B



8EB3F8



DC9ED9



# Sweetspot

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



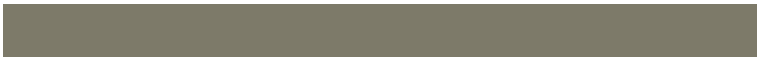
C1B36B



FAF5D9



C16B79



7D7A69



FCFCFC



7D7D7D



# Same Dimension

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



C1B36B



FAE475



A4C16B



615F57



A18600



211C00



# Inverse Universe

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



6B79C1



758BFA



886BC1



575961



001AA1

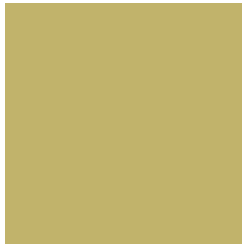


000521



# Previews

## White Background



This preview shows how the Hex color C1B36B looks on a white background.

## Color Contrast Check

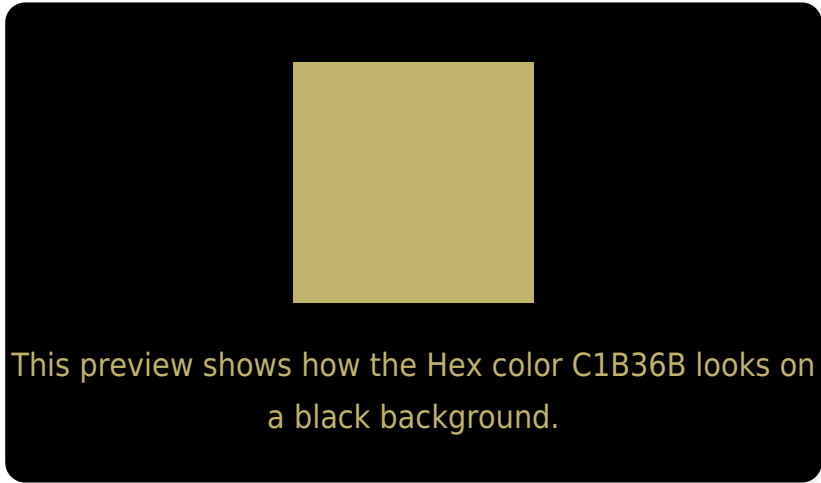
Large Text (above 18pt) WCAG AA × Fail

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

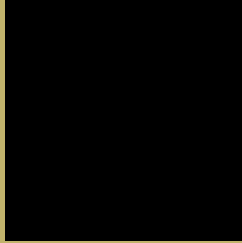
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C1B36B Background



This preview shows how black text looks on a background with the Hex color C1B36B.



This preview shows how white text looks on a background with the Hex color C1B36B.

# 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**  
C1B36B

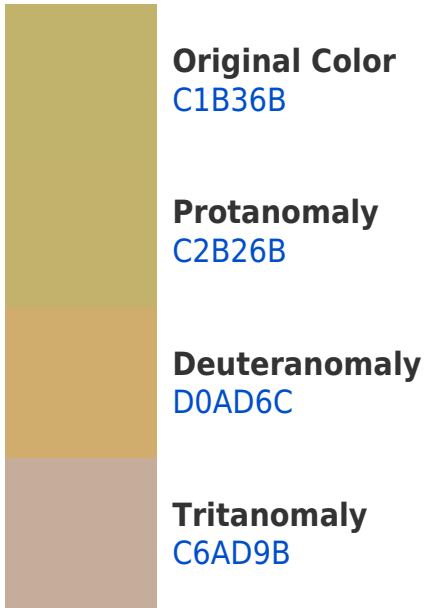
**Protanopia**  
C3B26B

**Deuteranopia**  
D8AA6D

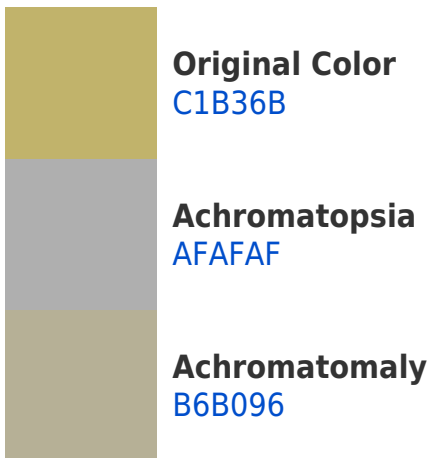


**Tritanopia**  
C9AAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1B36B 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 #C1B36B looks like.

```
.text, #text, p{  
    color:#C1B36B  
}
```

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 #C1B36B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1B36B
}
```

## Border

The CSS property to change the border of an element to Hex C1B36B 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
#C1B36B }
```

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

```
.border{ border-color:#C1B36B }
```

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

Here you see how a box with a 4 pixel #C1B36B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1B36B; -webkit-box-shadow:4px 4px  
4px 4px #C1B36B; box-shadow:4px 4px 4px  
4px #C1B36B }
```

# Background

The CSS property to change the background color of an element to Hex C1B36B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1B36B }
```

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

```
.background{ background-color:#C1B36B }
```

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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