

# Converting Colors

Hex(C5B462)

Have a look what the booklet for  
Hex(C5B462) contains.

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**Color**

**Hex(C5B462)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5B462
RGB	197, 180, 98
RGB Percent	77%, 71%, 38%
CMY	0.2275, 0.2941, 0.6157
CMYK	0.00, 0.09, 0.50, 0.23
HSL	50°, 46%, 58%
HSV	50°, 50%, 77%
XYZ	41.5518, 45.3947, 18.1273
YIQ	175.7350, 36.4540, -21.8980

# Conversions

## Conversions Part 2

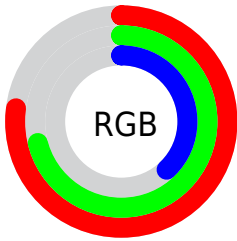
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 197, 98
Decimal	12956770
CIELab	73.15, -4.79, 43.68
CIELCh	73, 43.947, 96.261
Yxy	45.3947, 0.3955, 0.4320
Android (android.graphics.Color)	4291146850 (0xFFC5B462)
YUV	175.7350, -38.3234, 18.6494
Hunter-Lab	67.3756, -7.8228, 31.2110

# Details

The Hex color **C5B462** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6273C5**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFEC96**, and **8D7F30** is the 20% darker color. If you saturate the color by 10%, you get **C5B14E**, and if you desaturate by 10%, it is **C5B776**.

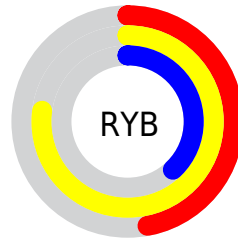
# Distribution



Red (77%)

Green (71%)

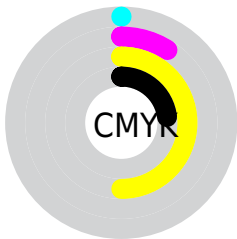
Blue (38%)



Red (47%)

Yellow (77%)

Blue (38%)

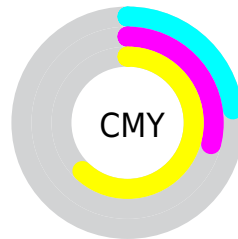


Cyan (0%)

Magenta (9%)

Yellow (50%)

Black (23%)



Cyan (23%)

Magenta (29%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5B462 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 C5B462 by changing the saturation by 10% instead.



 C5B462

 C5B462

FFFFFF

 A99949

 FFEC96

 8D7F30

 FFFFB2

 726716

 FFFFCE

 584F00

 FFFFEA

 3F3800

 262300

 050E00

 000000

 C5B462

 C5B462

 C5B14E

 C5B776

 C5AD3B

 C5BB89

 C5AA27

 C5BE9D

 C5A613

 C5C2B1

 C5A300

 C5C5C5

 C5C8D8

 C5CCEC

 C5CFFF

 C5D2FF

# Harmonies

## Analogous

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



E8A66A



C5B462



9ABF71

# Triad

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



C5B462



00C7E2



ED99D5

# Complementary

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



C5B462



6273C5

# 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.



C3A6F5



C5B462



28C0FC

# Square

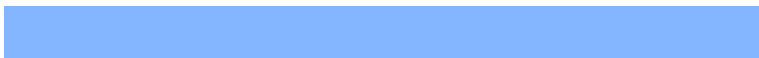
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C5B462



11C9BB



84B5FF



FF93AD

# Rectangle

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



C5B462



79C485



84B5FF



E19CE1



# Sweetspot

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



C5B462



FFF8D9



C56274



807C69



000000



808080



# Same Dimension

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



C5B462



FFE566



A6C562



63625A



A38700



241E00



# Inverse Universe

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



6273C5



6680FF



8162C5



5A5B63



001CA3

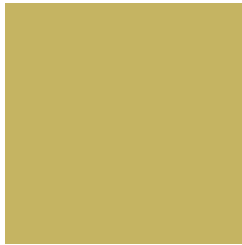


000624



# Previews

## White Background



This preview shows how the Hex color C5B462 looks on a white background.

## Color Contrast Check

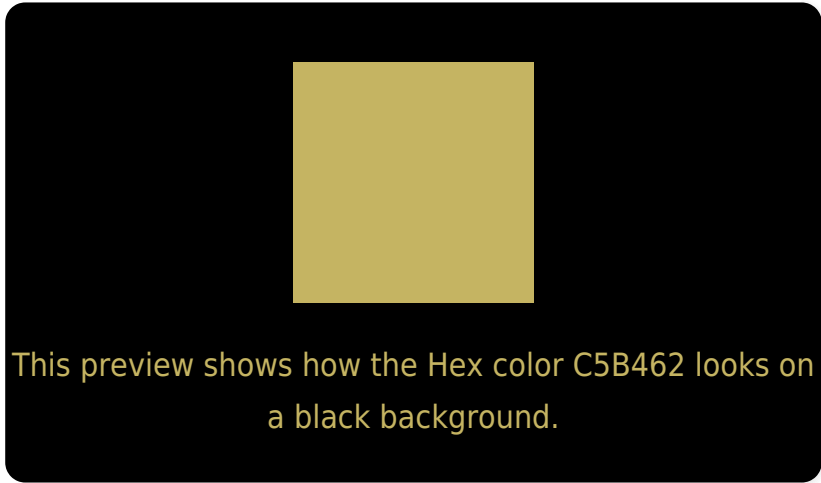
Large Text (above 18pt) WCAG AA × Fail

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 C5B462 Background



This preview shows how black text looks on a background with the Hex color C5B462.



This preview shows how white text looks on a background with the Hex color C5B462.

# Color Blindness Simulation

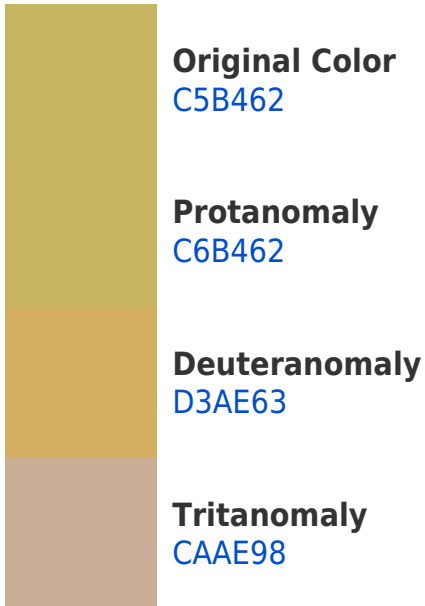
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5B462 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 #C5B462 looks like.

```
.text, #text, p{  
    color:#C5B462  
}
```

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 #C5B462 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5B462
}
```

## Border

The CSS property to change the border of an element to Hex C5B462 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
#C5B462 }
```

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

```
.border{ border-color:#C5B462 }
```

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

Here you see how a box with a 4 pixel #C5B462 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5B462; -webkit-box-shadow:4px 4px  
4px 4px #C5B462; box-shadow:4px 4px 4px  
4px #C5B462 }
```

# Background

The CSS property to change the background color of an element to Hex C5B462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5B462 }
```

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

```
.background{ background-color:#C5B462 }
```

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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