

# Converting Colors

Hex(C6B539)

Have a look what the booklet for  
Hex(C6B539) contains.

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**Color**

**Hex(C6B539)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6B539
RGB	198, 181, 57
RGB Percent	78%, 71%, 22%
CMY	0.2235, 0.2902, 0.7765
CMYK	0.00, 0.09, 0.71, 0.22
HSL	53°, 55%, 50%
HSV	53°, 71%, 78%
XYZ	40.5511, 45.3489, 10.4868
YIQ	171.9470, 49.9360, -34.9600

# Conversions

## Conversions Part 2

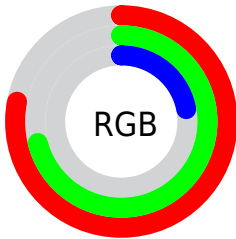
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">76, 198, 57</a>
Decimal	<a href="#">13022521</a>
<a href="#">CIELab</a>	<a href="#">73.12, -7.74, 61.98</a>
<a href="#">CIElCh</a>	<a href="#">73, 62.461, 97.114</a>
<a href="#">Yxy</a>	<a href="#">45.3489, 0.4207, 0.4705</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291212601 (0xFFC6B539)</a>
<a href="#">YUV</a>	<a href="#">171.9470, -56.6689, 22.8485</a>
<a href="#">Hunter-Lab</a>	<a href="#">67.3416, -10.3605, 37.9061</a>

# Details

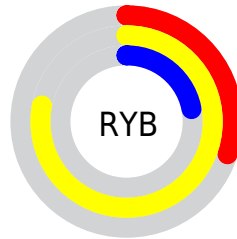
The Hex color **C6B539** is a dark color, and the websafe version is hex **999900**. The color can be described as middle muted orange. A complement of this color would be **394AC6**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFED70**, and **8C8100** is the 20% darker color. If you saturate the color by 10%, you get **C6B325**, and if you desaturate by 10%, it is **C6B74D**.

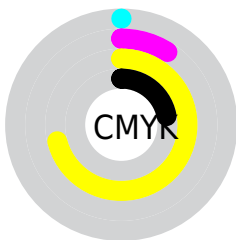
# Distribution



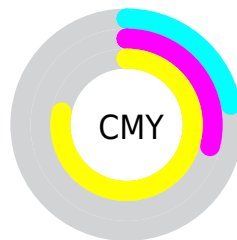
- Red (78%)
- Green (71%)
- Blue (22%)



- Red (30%)
- Yellow (78%)
- Blue (22%)



- Cyan (0%)
- Magenta (9%)
- Yellow (71%)
- Black (22%)



- Cyan (22%)
- Magenta (29%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6B539 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 C6B539 by changing the saturation by 10% instead.





C6B539



C6B539

FFFFFF



A99A1A



FFED70



8C8100



FFF88B



716800



FFFA7



565000



FFFC3



3B3900



FFFE0



222400

FFFFFD



001000



000000



C6B539



C6B539

 C6B325

 C6B74D

 C6B011

 C6BA61

 C6AE00

 C6BC74

 C6BF88

 C6C19C

 C6C3B0

 C6C6C4

 C6C8D7

 C6CAEB

# Harmonies

## Analogous

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



F6A048



C6B539



89C453

# Triad

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



C6B539



00CEF7



FF88E1

# Complementary

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



C6B539



394AC6

# 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.



C99FFF



C6B539



00C5FF

# Square

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



C6B539



00D0C0



5BB5FF



FF80A8

# Rectangle

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



C6B539



53CA73



5BB5FF



F48FF3



# Sweetspot

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



C6B539



FFF9C9



C6394C



807C60



000000



808080



# Same Dimension

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



C6B539



FFE526



92C639



63625A



A39000



241F00



# Inverse Universe

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



394AC6



2640FF



6D39C6



5A5B63



0014A3



000424



# Previews

## White Background



This preview shows how the Hex color C6B539 looks on a white background.

## Color Contrast Check

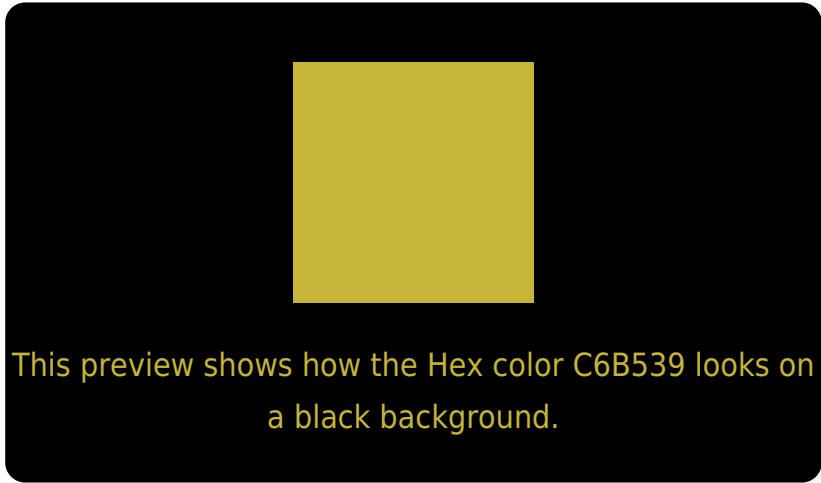
Large Text (above 18pt) WCAG AA × Fail

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 C6B539 Background



This preview shows how black text looks on a background with the Hex color C6B539.



This preview shows how white text looks on a background with the Hex color C6B539.

# 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**  
C6B539

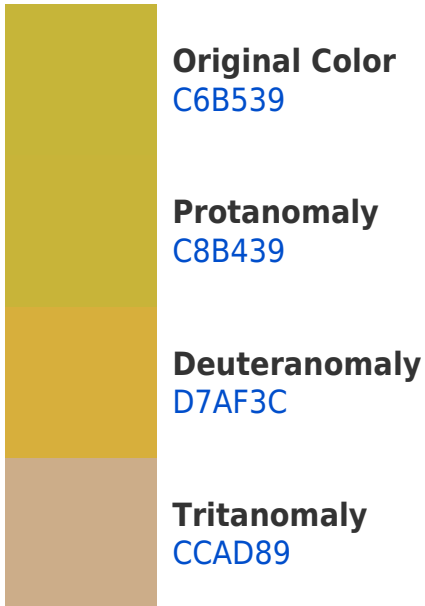
**Protanopia**  
C9B439

**Deuteranopia**  
E0AB3D



**Tritanopia**  
D0A9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6B539 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 #C6B539 looks like.

```
.text, #text, p{  
    color:#C6B539  
}
```

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 #C6B539 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6B539
}
```

## Border

The CSS property to change the border of an element to Hex C6B539 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
#C6B539 }
```

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

```
.border{ border-color:#C6B539 }
```

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

Here you see how a box with a 4 pixel #C6B539 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6B539; -webkit-box-shadow:4px 4px  
4px 4px #C6B539; box-shadow:4px 4px 4px  
4px #C6B539 }
```

# Background

The CSS property to change the background color of an element to Hex C6B539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6B539 }
```

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

```
.background{ background-color:#C6B539 }
```

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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