

# Converting Colors

Hex(C5BB35)

Have a look what the booklet for  
Hex(C5BB35) contains.

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# **Color**

**Hex(C5BB35)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5BB35
RGB	197, 187, 53
RGB Percent	77%, 73%, 21%
CMY	0.2275, 0.2667, 0.7922
CMYK	0.00, 0.05, 0.73, 0.23
HSL	56°, 58%, 49%
HSV	56°, 73%, 77%
XYZ	41.4389, 47.6680, 10.3849
YIQ	174.7140, 48.9740, -39.5540

# Conversions

## Conversions Part 2

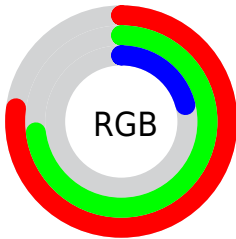
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 197, 53
Decimal	12958517
CIELab	74.62, -11.45, 64.85
CIELCh	75, 65.857, 100.010
Yxy	47.6680, 0.4165, 0.4791
Android (android.graphics.Color)	4291148597 (0xFFC5BB35)
YUV	174.7140, -60.0050, 19.5448
Hunter-Lab	69.0420, -13.6882, 39.4113

# Details

The Hex color **C5BB35** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted orange. A complement of this color would be **353FC5**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFF36D**, and **8B8600** is the 20% darker color. If you saturate the color by 10%, you get **C5BA21**, and if you desaturate by 10%, it is **C5BC49**.

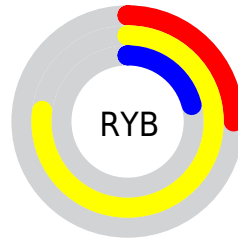
# Distribution



Red (77%)

Green (73%)

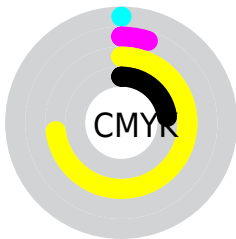
Blue (21%)



Red (25%)

Yellow (77%)

Blue (21%)

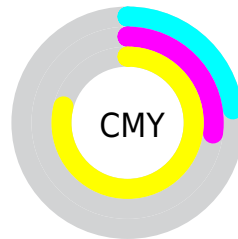


Cyan (0%)

Magenta (5%)

Yellow (73%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5BB35 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 C5BB35 by changing the saturation by 10% instead.





C5BB35



C5BB35

FFFFFF



A8A012



FFF36D



8B8600



FFFF88



706D00



FFFFA4



555500



FFFFC1



3A3E00



FFFFDE



212800



FFFFFB



001500



000000



C5BB35



C5BB35

 C5BA21

 C5BC49

 C5B80E

 C5BE5C

 C5B700

 C5BF70

 C5C084

 C5C298

 C5C3AB

 C5C5BF

 C5C6D3

 C5C7E6

# Harmonies

## Analogous

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



F9A641



C5BB35



83CA55

# Triad

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



C5BB35



00D3FF



FF87E2

# Complementary

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



C5BB35



353FC5

# 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.



D59FFF



C5BB35



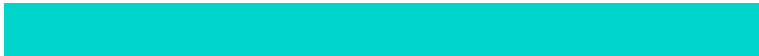
00C9FF

# Square

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



C5BB35



00D5CB



67B8FF



FF80A6

# Rectangle

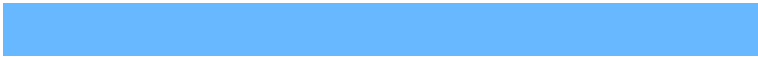
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C5BB35



42D078



67B8FF



FF8EF5



# Sweetspot

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



C5BB35



FFFBC7



C53541



807D5E



000000



808080



# Same Dimension

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



C5BB35



FFEF1F



89C535



63635A



A39800



242100



# Inverse Universe

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



353FC5



1F2EFF



7135C5



5A5A63



000BA3



000224



# Previews

## White Background



This preview shows how the Hex color C5BB35 looks on a white background.

## Color Contrast Check

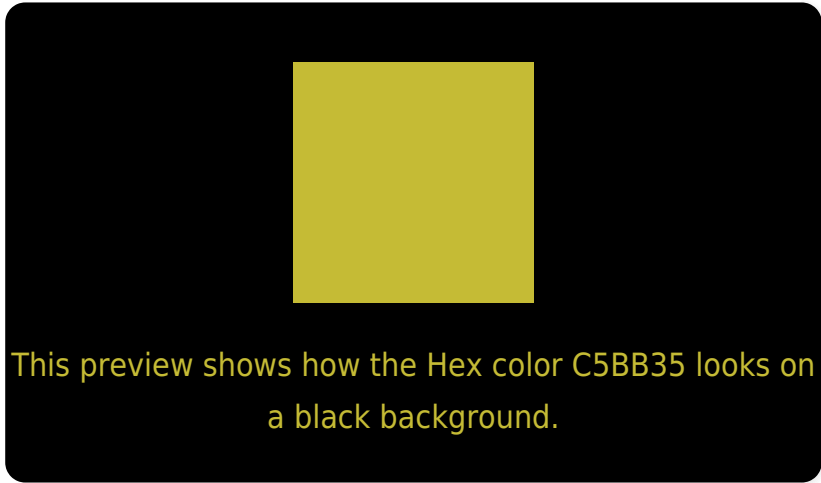
Large Text (above 18pt) WCAG AA × Fail

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 C5BB35 Background



This preview shows how black text looks on a background with the Hex color C5BB35.

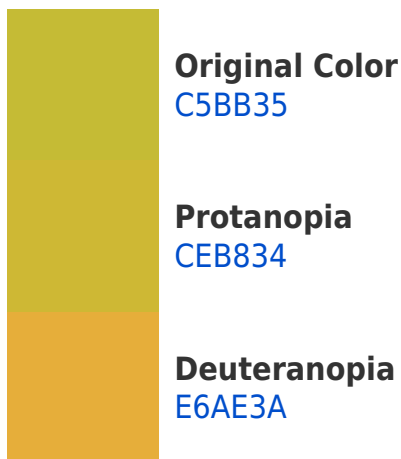


This preview shows how white text looks on a background with the Hex color C5BB35.

# Color Blindness Simulation

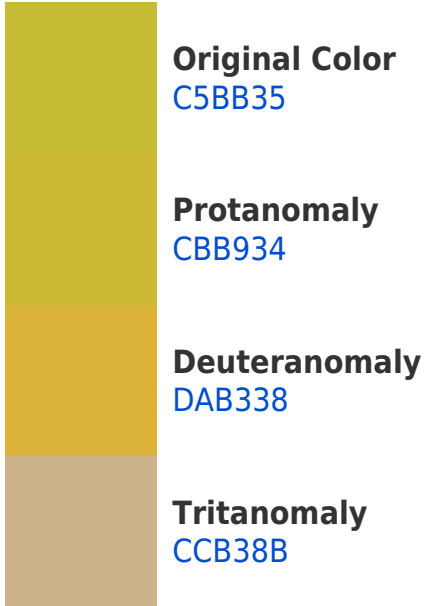
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5BB35 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 #C5BB35 looks like.

```
.text, #text, p{  
    color:#C5BB35  
}
```

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 #C5BB35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5BB35
}
```

## Border

The CSS property to change the border of an element to Hex C5BB35 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
#C5BB35 }
```

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

```
.border{ border-color:#C5BB35 }
```

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

Here you see how a box with a 4 pixel #C5BB35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5BB35; -webkit-box-shadow:4px 4px  
4px 4px #C5BB35; box-shadow:4px 4px 4px  
4px #C5BB35 }
```

# Background

The CSS property to change the background color of an element to Hex C5BB35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5BB35 }
```

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

```
.background{ background-color:#C5BB35 }
```

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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