

# Converting Colors

Hex(C5BE71)

Have a look what the booklet for  
Hex(C5BE71) contains.

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# **Color**

**Hex(C5BE71)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5BE71
RGB	197, 190, 113
RGB Percent	77%, 75%, 44%
CMY	0.2275, 0.2549, 0.5569
CMYK	0.00, 0.04, 0.43, 0.23
HSL	55°, 42%, 61%
HSV	55°, 43%, 77%
XYZ	44.4200, 49.8895, 22.9112
YIQ	183.3150, 28.8890, -22.4630

# Conversions

## Conversions Part 2

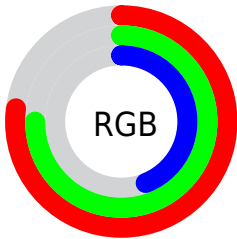
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 197, 113
Decimal	12959345
CIELab	76.00, -8.54, 39.67
CIELCh	76, 40.574, 102.152
Yxy	49.8895, 0.3789, 0.4256
Android (android.graphics.Color)	4291149425 (0xFFC5BE71)
YUV	183.3150, -34.6653, 12.0017
Hunter-Lab	70.6325, -11.3500, 30.2107

# Details

The Hex color **C5BE71** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7178C5**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFF6A6**, and **8E893F** is the 20% darker color. If you saturate the color by 10%, you get **C5BC5D**, and if you desaturate by 10%, it is **C5C085**.

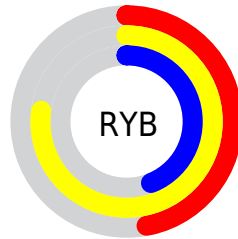
# Distribution



Red (77%)

Green (75%)

Blue (44%)



Red (47%)

Yellow (77%)

Blue (44%)

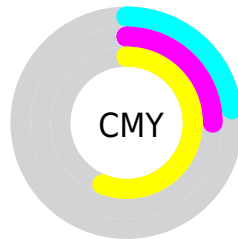


Cyan (0%)

Magenta (4%)

Yellow (43%)

Black (23%)



Cyan (23%)

Magenta (25%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5BE71 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 C5BE71 by changing the saturation by 10% instead.



 C5BE71

 C5BE71

FFFFFF

 A9A358

 FFF6A6

 8E893F

 FFFFC2

 737027

 FFFFDE

 59570C

 FFFFFB

 404000

 282A00

 0B1700

 000000

 C5BE71

 C5BE71

 C5BC5D

 C5C085

 C5BB4A

 C5C198

 C5B936

 C5C3AC

 C5B722

 C5C5C0

 C5B60E

 C5C6D4

 C5B500

 C5C8E7

 C5C9FB

 C5CBFF

 C5CDFE

# Harmonies

## Analogous

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



E7B174



C5BE71



9CC883

# Triad

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



C5BE71



1ACDEC



F6A1D3

# Complementary

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



C5BE71



7178C5

# 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.



D3ACF3



C5BE71



5DC6FF

# Square

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



C5BE71



35CFCA



9EBAFF



FF9EAD

# Rectangle

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



C5BE71



7DCC97



9EBAFF



EDA4DF



# Sweetspot

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



C5BE71



FFFCDE



C57178



807E6B



000000



808080



# Same Dimension

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



C5BE71



FFF47D



A2C571



63635A



A39600



242100



# Inverse Universe

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



7178C5



7D88FF



9471C5



5A5A63



000EA3



000324



# Previews

## White Background



This preview shows how the Hex color C5BE71 looks on a white background.

## Color Contrast Check

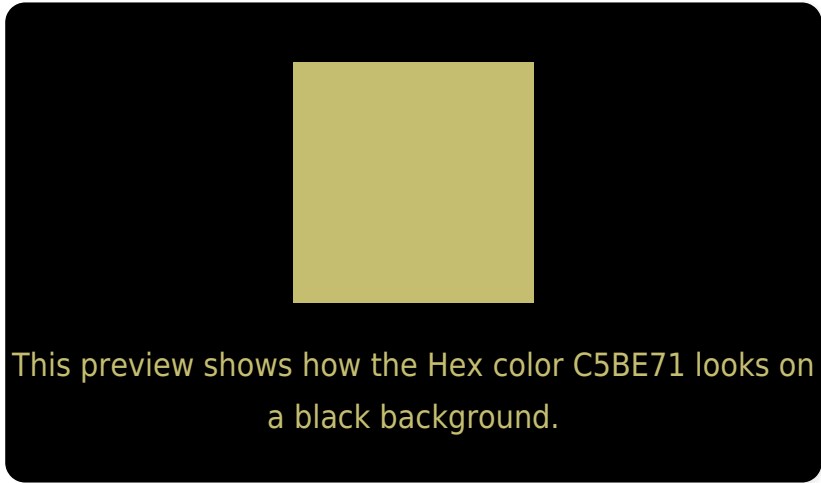
Large Text (above 18pt) WCAG AA × Fail

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

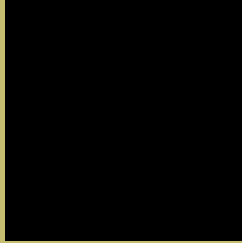
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C5BE71 Background



This preview shows how black text looks on a background with the Hex color C5BE71.



This preview shows how white text looks on a background with the Hex color C5BE71.

# 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**  
C5BE71

**Protanopia**  
CDBB70

**Deuteranopia**  
E3B374



**Tritanopia**  
CEB4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5BE71 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 #C5BE71 looks like.

```
.text, #text, p{  
    color:#C5BE71  
}
```

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 #C5BE71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5BE71
}
```

## Border

The CSS property to change the border of an element to Hex C5BE71 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
#C5BE71 }
```

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

```
.border{ border-color:#C5BE71 }
```

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

Here you see how a box with a 4 pixel #C5BE71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5BE71; -webkit-box-shadow:4px 4px  
4px 4px #C5BE71; box-shadow:4px 4px 4px  
4px #C5BE71 }
```

# Background

The CSS property to change the background color of an element to Hex C5BE71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5BE71 }
```

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

```
.background{ background-color:#C5BE71 }
```

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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