

# Converting Colors

Hex(C5B053)

Have a look what the booklet for  
Hex(C5B053) contains.

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**Color**

**Hex(C5B053)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5B053
RGB	197, 176, 83
RGB Percent	77%, 69%, 33%
CMY	0.2275, 0.3098, 0.6745
CMYK	0.00, 0.11, 0.58, 0.23
HSL	49°, 50%, 55%
HSV	49°, 58%, 77%
XYZ	40.1126, 43.5455, 14.4746
YIQ	171.6770, 42.3690, -24.4710

# Conversions

## Conversions Part 2

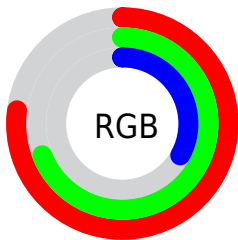
Format	Color
<a href="#">RYB</a>	<a href="#">109, 197, 83</a>
Decimal	<a href="#">12955731</a>
CIELab	<a href="#">71.92, -3.94, 49.52</a>
CIELCh	<a href="#">72, 49.675, 94.544</a>
Yxy	<a href="#">43.5455, 0.4088, 0.4437</a>
Android (android.graphics.Color)	<a href="#">4291145811 (0xFFC5B053)</a>
YUV	<a href="#">171.6770, -43.7178, 22.2083</a>
Hunter-Lab	<a href="#">65.9890, -6.9763, 33.1872</a>

# Details

The Hex color **C5B053** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **5368C5**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFE787**, and **8C7C1F** is the 20% darker color. If you saturate the color by 10%, you get **C5AC3F**, and if you desaturate by 10%, it is **C5B467**.

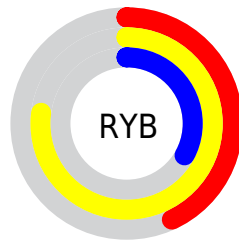
# Distribution



Red (77%)

Green (69%)

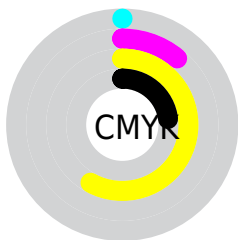
Blue (33%)



Red (43%)

Yellow (77%)

Blue (33%)

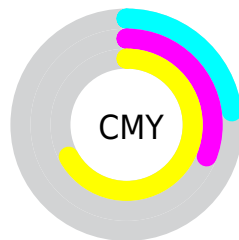


Cyan (0%)

Magenta (11%)

Yellow (58%)

Black (23%)



Cyan (23%)

Magenta (31%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5B053 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 C5B053 by changing the saturation by 10% instead.





C5B053



C5B053

FFFFFF



A89539



FFE787



8C7C1F



FFFA2



716300



FFFFBE



574B00



FFFFDA



3D3500



FFFFF7



242000



010A00



000000



C5B053



C5B053

 C5AC3F

 C5B467

 C5A92C

 C5B77A

 C5A518

 C5BB8E

 C5A104

 C5BFA2

 C5A100

 C5C2B6

 C5C6C9

 C5C9DD

 C5CDF1

 C5D1FF

# Harmonies

## Analogous

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



EBA05F



C5B053



95BD63

# Triad

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



C5B053



00C6E2



EE91D8

# Complementary

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



C5B053



5368C5

# 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.



BDA2FB



C5B053



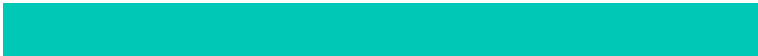
00BFFF

# Square

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



C5B053



00C8B6



70B3FF



FF8AAB

# Rectangle

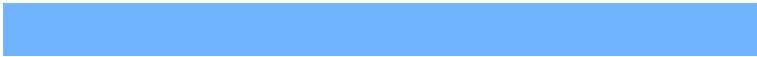
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C5B053



70C27A



70B3FF



E196E5



# Sweetspot

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



C5B053



FFF7D4



C5536A



807B66



000000



808080



# Same Dimension

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



C5B053



FFDF4F



A3C553



63625A



A38500



241D00



# Inverse Universe

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



5368C5



4F6FFF



7553C5



5A5B63



001EA3

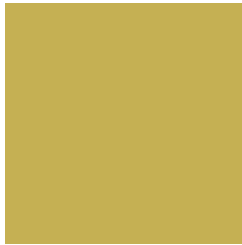


000724



# Previews

## White Background



This preview shows how the Hex color C5B053 looks on a white background.

## Color Contrast Check

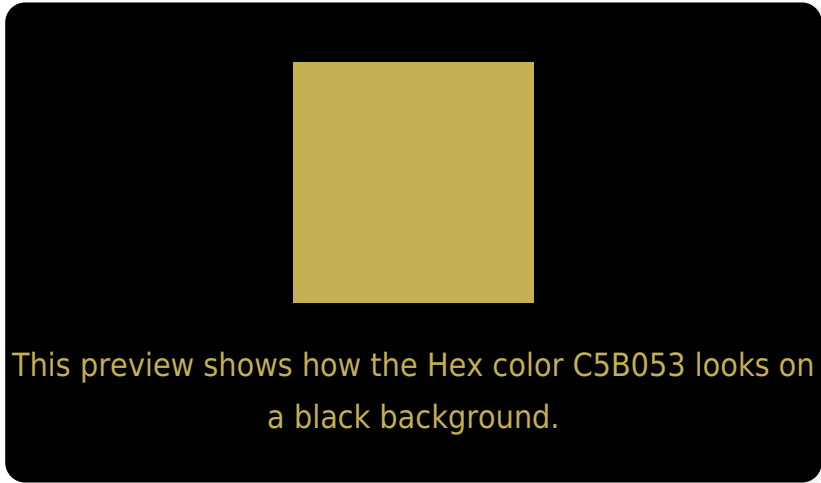
Large Text (above 18pt) WCAG AA × Fail

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 C5B053 Background



This preview shows how black text looks on a background with the Hex color C5B053.



This preview shows how white text looks on a background with the Hex color C5B053.

# 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



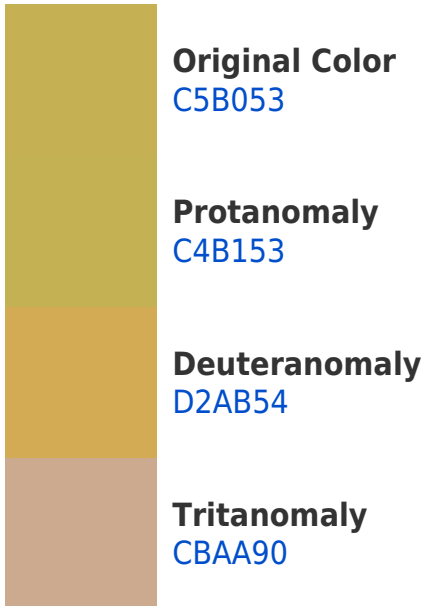
**Original Color**  
C5B053

**Protanopia**  
C3B153

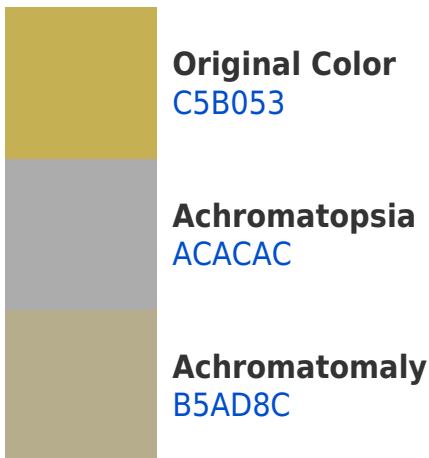
**Deuteranopia**  
D9A855



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5B053 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 #C5B053 looks like.

```
.text, #text, p{  
    color:#C5B053  
}
```

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 #C5B053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5B053
}
```

## Border

The CSS property to change the border of an element to Hex C5B053 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
#C5B053 }
```

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

```
.border{ border-color:#C5B053 }
```

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

Here you see how a box with a 4 pixel #C5B053 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5B053; -webkit-box-shadow:4px 4px  
4px 4px #C5B053; box-shadow:4px 4px 4px  
4px #C5B053 }
```

# Background

The CSS property to change the background color of an element to Hex C5B053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5B053 }
```

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

```
.background{ background-color:#C5B053 }
```

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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