

Converting Colors

Hex(C8BA21)

Have a look what the booklet for
Hex(C8BA21) contains.

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Color

Hex(C8BA21)

Conversions

Conversions Part 1

Format	Color
Hex	C8BA21
RGB	200, 186, 33
RGB Percent	78%, 73%, 13%
CMY	0.2157, 0.2706, 0.8706
CMYK	0.00, 0.07, 0.83, 0.22
HSL	55°, 72%, 46%
HSV	55°, 84%, 78%
XYZ	41.6528, 47.5070, 8.4133
YIQ	172.7440, 57.4570, -44.6150

Conversions

Conversions Part 2

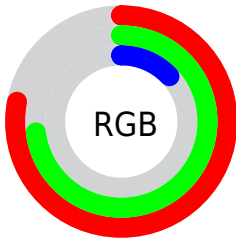
Format	Color
RYB	48, 200, 33
Decimal	13154849
CIELab	74.51, -10.36, 70.87
CIELCh	75, 71.624, 98.313
Yxy	47.5070, 0.4269, 0.4869
Android (android.graphics.Color)	4291344929 (0xFFC8BA21)
YUV	172.7440, -68.8938, 23.9035
Hunter-Lab	68.9253, -12.7484, 41.0106

Details

The Hex color **C8BA21** 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 **212FC8**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFF25E**, and **8E8500** is the 20% darker color. If you saturate the color by 10%, you get **C8B80D**, and if you desaturate by 10%, it is **C8BC35**.

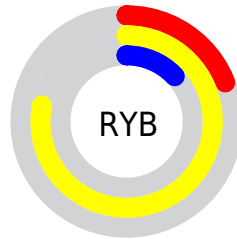
Distribution



Red (78%)

Green (73%)

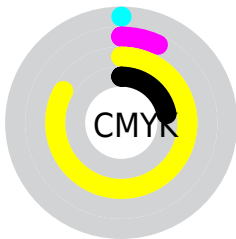
Blue (13%)



Red (19%)

Yellow (78%)

Blue (13%)

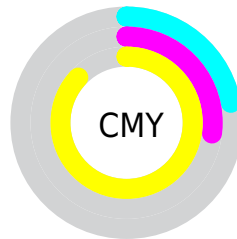


Cyan (0%)

Magenta (7%)

Yellow (83%)

Black (22%)



Cyan (22%)

Magenta (27%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color C8BA21 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 C8BA21 by changing the saturation by 10% instead.



C8BA21



C8BA21

FFFFFF



AB9F00



FFF25E



8E8500



FFFF7A



726C00



FFFF97



565400



FFFFB3



3B3D00



FFFFD0



222800



FFFFED



001400



000000



C8BA21



C8BA21

 C8B80D

 C8BC35

 C8B700

 C8BD49

 C8BF5D

 C8C171

 C8C285

 C8C499

 C8C6AD

 C8C7C1

 C8C9D5

Harmonies

Analogous

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



FFA236



C8BA21



81CA47

Triad

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



C8BA21



00D5FF



FF82E9

Complementary

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



C8BA21



212FC8

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.



D29EFF



C8BA21



00CBFF

Square

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



C8BA21



00D7C8



45B9FF



FF78A8

Rectangle

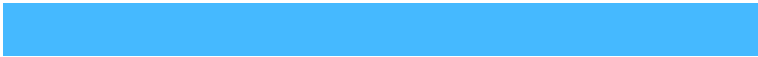
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C8BA21



35D16E



45B9FF



FF8AFE

Sweetspot

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



C8BA21



FFFABF



C82132



807C59



000000



808080

Same Dimension

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



C8BA21



FFEA00



85C821



63635A



A39600



242100

Inverse Universe

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



212FC8



0015FF



6421C8



5A5A63



000EA3



000324

Previews

White Background



This preview shows how the Hex color C8BA21 looks on a white background.

Color Contrast Check

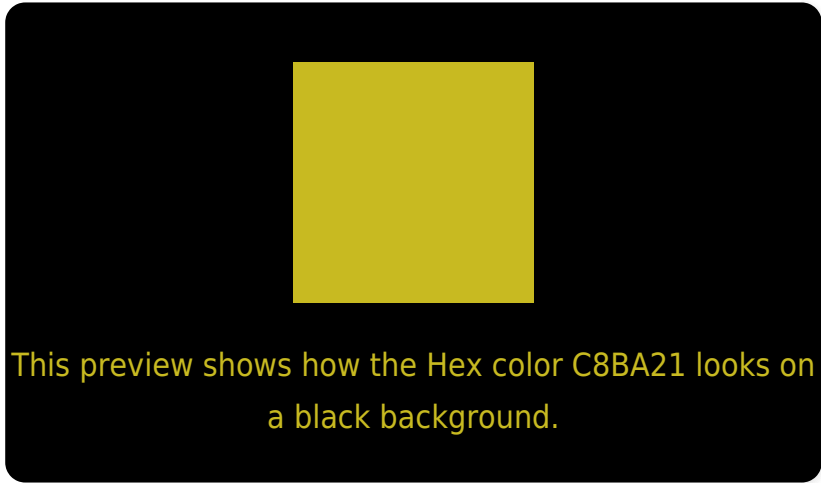
Large Text (above 18pt) WCAG AA × Fail

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 C8BA21 Background



This preview shows how black text looks on a background with the Hex color C8BA21.

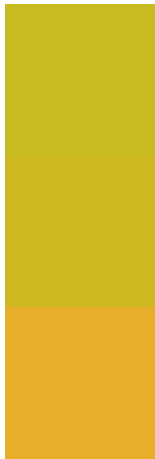


This preview shows how white text looks on a background with the Hex color C8BA21.

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
C8BA21

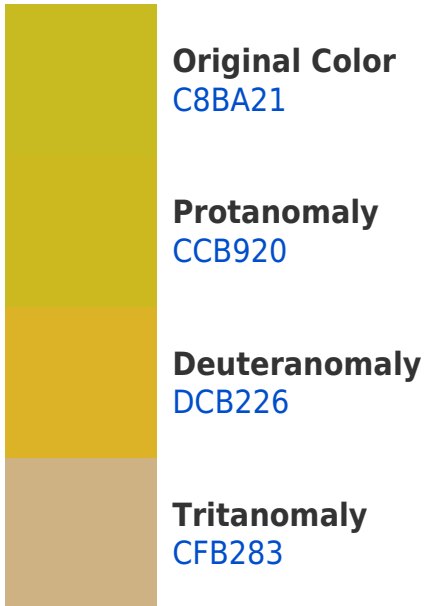
Protanopia
CEB820

Deuteranopia
E7AE29

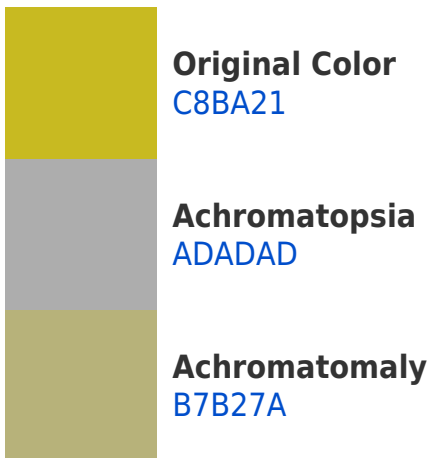


Tritanopia
D3ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C8BA21 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 #C8BA21 looks like.

```
.text, #text, p{  
    color:#C8BA21  
}
```

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 #C8BA21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8BA21
}
```

Border

The CSS property to change the border of an element to Hex C8BA21 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
#C8BA21 }
```

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

```
.border{ border-color:#C8BA21 }
```

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

Here you see how a box with a 4 pixel #C8BA21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8BA21; -webkit-box-shadow:4px 4px  
4px 4px #C8BA21; box-shadow:4px 4px 4px  
4px #C8BA21 }
```

Background

The CSS property to change the background color of an element to Hex C8BA21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8BA21 }
```

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

```
.background{ background-color:#C8BA21 }
```

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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