

Converting Colors

Hex(C5B220)

Have a look what the booklet for
Hex(C5B220) contains.

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Color

Hex(C5B220)

Conversions

Conversions Part 1

Format	Color
Hex	C5B220
RGB	197, 178, 32
RGB Percent	77%, 70%, 13%
CMY	0.2275, 0.3020, 0.8745
CMYK	0.00, 0.10, 0.84, 0.23
HSL	53°, 72%, 45%
HSV	53°, 84%, 77%
XYZ	39.2071, 43.8154, 7.7573
YIQ	167.0370, 58.1900, -41.3780

Conversions

Conversions Part 2

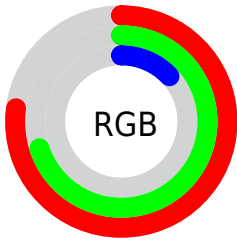
Format	Color
RYB	53, 197, 32
Decimal	12956192
CIELab	72.10, -7.56, 68.99
CIELCh	72, 69.407, 96.254
Yxy	43.8154, 0.4319, 0.4827
Android (android.graphics.Color)	4291146272 (0xFFC5B220)
YUV	167.0370, -66.5732, 26.2776
Hunter-Lab	66.1932, -10.1103, 39.3870

Details

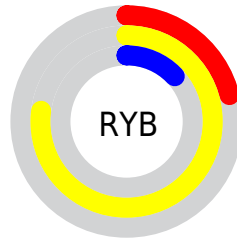
The Hex color **C5B220** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted orange. A complement of this color would be **2033C5**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFE95D**, and **8B7E00** is the 20% darker color. If you saturate the color by 10%, you get **C5B00C**, and if you desaturate by 10%, it is **C5B434**.

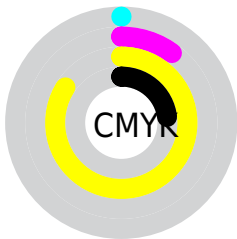
Distribution



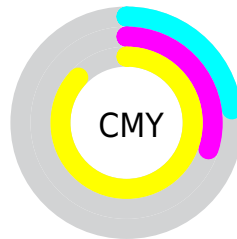
- Red (77%)
- Green (70%)
- Blue (13%)



- Red (21%)
- Yellow (77%)
- Blue (13%)



- Cyan (0%)
- Magenta (10%)
- Yellow (84%)
- Black (23%)



- Cyan (23%)
- Magenta (30%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5B220 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 C5B220 by changing the saturation by 10% instead.



C5B220



C5B220

FFFFFF



A89700



FFE95D



8B7E00



FFFF78



6F6500



FFFF94



534D00



FFFFB1



393700



FFFFCD



202200



FFFFEB



000D00



000000



C5B220



C5B220

 C5B00C

 C5B434

 C5AE00

 C5B747

 C5B95B

 C5BB6F

 C5BD83

 C5C096

 C5C2AA

 C5C4BE

 C5C6D1

Harmonies

Analogous

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



F99B37



C5B220



82C242

Triad

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



C5B220



00CDFA



FF7FE5

Complementary

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



C5B220



2033C5

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.



C49AFF



C5B220



00C5FF

Square

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



C5B220



00CFBD



2DB4FF



FF74A6

Rectangle

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



C5B220



40C967



2DB4FF



F687F8

Sweetspot

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



C5B220



FFF8BF



C52033



807B59



000000



808080

Same Dimension

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



C5B220



FFE200



86C520



63625A



A39000



242000

Inverse Universe

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



2033C5



001DFF



5F20C5



5A5B63



0013A3



000424

Previews

White Background



This preview shows how the Hex color C5B220 looks on a white background.

Color Contrast Check

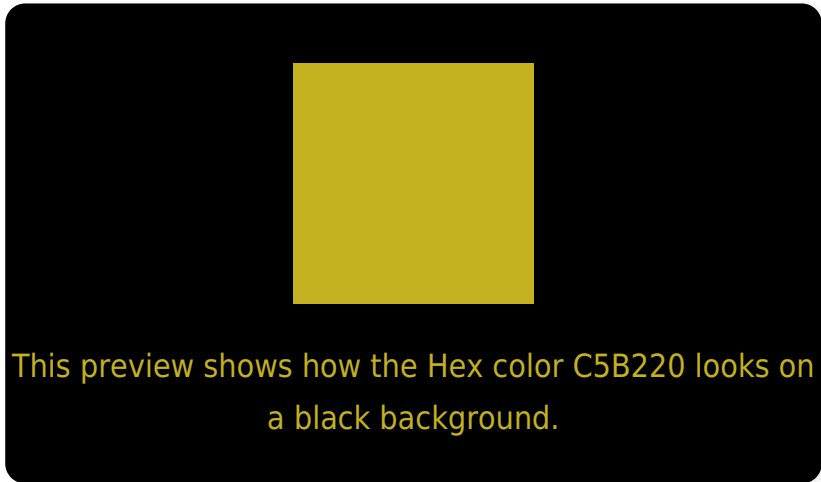
Large Text (above 18pt) WCAG AA × Fail

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 C5B220 Background



This preview shows how black text looks on a background with the Hex color C5B220.



This preview shows how white text looks on a background with the Hex color C5B220.

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
C5B220

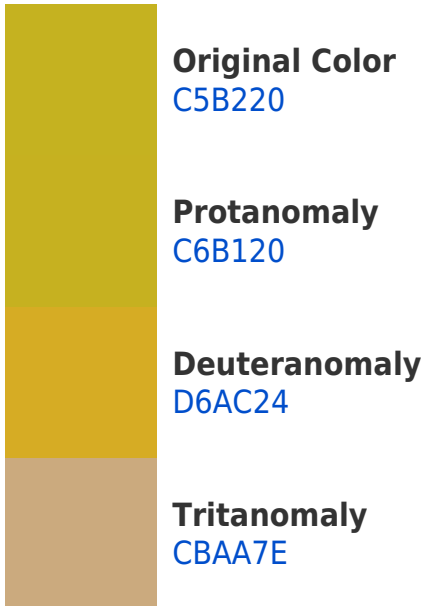
Protanopia
C7B120

Deuteranopia
DFA826

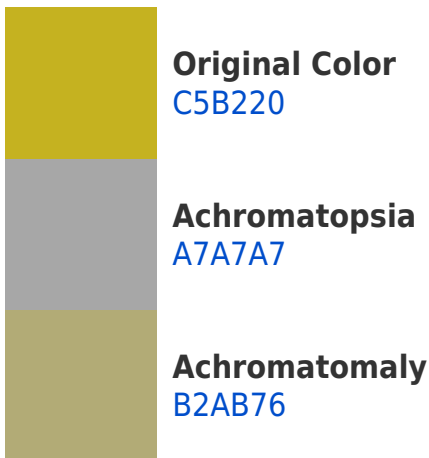


Tritanopia
CFA6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C5B220 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 #C5B220 looks like.

```
.text, #text, p{  
    color:#C5B220  
}
```

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 #C5B220 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5B220
}
```

Border

The CSS property to change the border of an element to Hex C5B220 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
#C5B220 }
```

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

```
.border{ border-color:#C5B220 }
```

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

Here you see how a box with a 4 pixel #C5B220 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5B220; -webkit-box-shadow:4px 4px  
4px 4px #C5B220; box-shadow:4px 4px 4px  
4px #C5B220 }
```

Background

The CSS property to change the background color of an element to Hex C5B220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5B220 }
```

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

```
.background{ background-color:#C5B220 }
```

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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