

Converting Colors

Hex(C5B240)

Have a look what the booklet for
Hex(C5B240) contains.

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Color

Hex(C5B240)

Conversions

Conversions Part 1

Format	Color
Hex	C5B240
RGB	197, 178, 64
RGB Percent	77%, 70%, 25%
CMY	0.2275, 0.3020, 0.7490
CMYK	0.00, 0.10, 0.68, 0.23
HSL	51°, 53%, 51%
HSV	51°, 68%, 77%
XYZ	39.8718, 44.0813, 11.2576
YIQ	170.6850, 47.9180, -31.4260

Conversions

Conversions Part 2

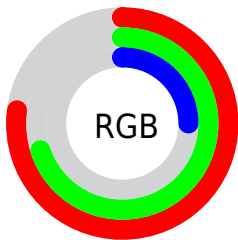
Format	Color
RYB	86, 197, 64
Decimal	12956224
CIELab	72.28, -6.24, 58.34
CIELCh	72, 58.674, 96.101
Yxy	44.0813, 0.4188, 0.4630
Android (android.graphics.Color)	4291146304 (0xFFC5B240)
YUV	170.6850, -52.5957, 23.0783
Hunter-Lab	66.3937, -8.9935, 36.4225

Details

The Hex color **C5B240** 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 **4053C5**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFE976**, and **8C7E00** is the 20% darker color. If you saturate the color by 10%, you get **C5AF2C**, and if you desaturate by 10%, it is **C5B554**.

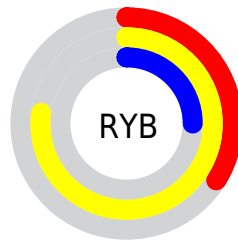
Distribution



Red (77%)

Green (70%)

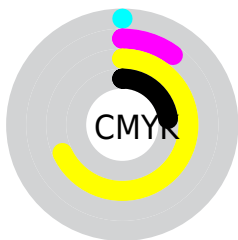
Blue (25%)



Red (34%)

Yellow (77%)

Blue (25%)

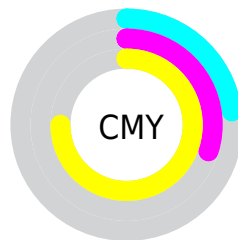


Cyan (0%)

Magenta (10%)

Yellow (68%)

Black (23%)



Cyan (23%)

Magenta (30%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5B240 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 C5B240 by changing the saturation by 10% instead.

 C5B240

 C5B240

FFFFFF

 A89724

 FFE976

 8C7E00

 FFFF91

 706500

 FFFFAC

 554D00

 FFFFC9

 3B3700

 FFFFE5

 222200

 000D00

 000000

 C5B240

 C5B240

 C5AF2C

 C5B554

 C5AC19

 C5B867

 C5AA05

 C5BA7B

 C5A900

 C5BD8F

 C5C0A3

 C5C3B6

 C5C6CA

 C5C9DE

 C5CBF1

Harmonies

Analogous

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



F29F4E



C5B240



8DC056

Triad

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



C5B240



00CAEF



FC8ADE

Complementary

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



C5B240



4053C5

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.



C39FFF



C5B240



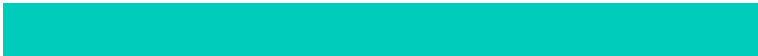
00C2FF

Square

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



C5B240



00CCBB



5FB3FF



FF82A8

Rectangle

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



C5B240



5CC673



5FB3FF



EC90EE

Sweetspot

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



C5B240



FFF8CC



C54054



807B61



000000



808080

Same Dimension

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



C5B240



FFE130



96C540



63625A



A38C00



241F00

Inverse Universe

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



4053C5



304EFF



6F40C5



5A5B63



0017A3



000524

Previews

White Background



This preview shows how the Hex color C5B240 looks on a white background.

Color Contrast Check

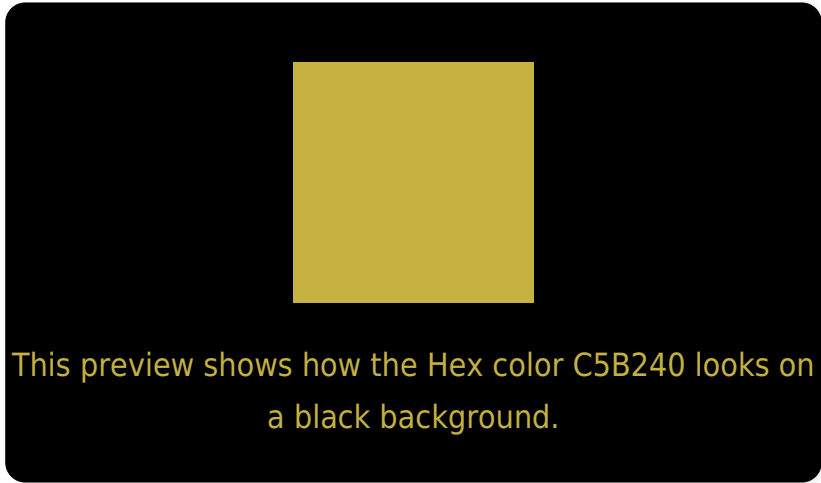
Large Text (above 18pt) WCAG AA × Fail

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 C5B240 Background



This preview shows how black text looks on a background with the Hex color C5B240.



This preview shows how white text looks on a background with the Hex color C5B240.

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
C5B240

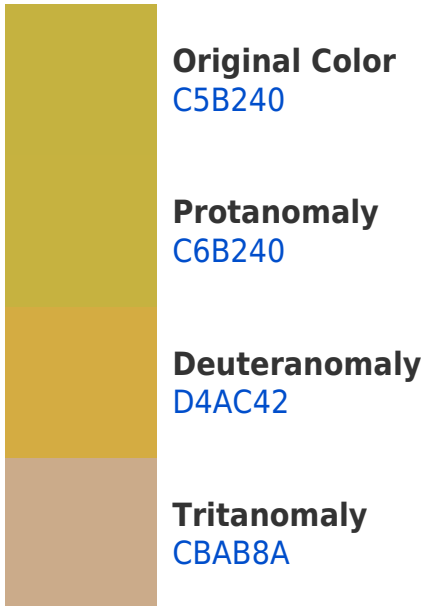
Protanopia
C6B240

Deuteranopia
DDA843



Tritanopia
CFA7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C5B240 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 #C5B240 looks like.

```
.text, #text, p{  
    color:#C5B240  
}
```

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 #C5B240 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5B240
}
```

Border

The CSS property to change the border of an element to Hex C5B240 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
#C5B240 }
```

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

```
.border{ border-color:#C5B240 }
```

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

Here you see how a box with a 4 pixel #C5B240 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5B240; -webkit-box-shadow:4px 4px  
4px 4px #C5B240; box-shadow:4px 4px 4px  
4px #C5B240 }
```

Background

The CSS property to change the background color of an element to Hex C5B240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5B240 }
```

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

```
.background{ background-color:#C5B240 }
```

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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