

Converting Colors

Hex(C18221)

Have a look what the booklet for
Hex(C18221) contains.

| | |
|--|----|
| Hex(C18221) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(C18221)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | C18221 |
| RGB | 193, 130, 33 |
| RGB Percent | 76%, 51%, 13% |
| CMY | 0.2431, 0.4902, 0.8706 |
| CMYK | 0.00, 0.33, 0.83, 0.24 |
| HSL | 36°, 71%, 44% |
| HSV | 36°, 83%, 76% |
| XYZ | 30.2495, 27.4125, 5.1357 |
| YIQ | 137.7790, 68.6850, -16.8110 |

Conversions

Conversions Part 2

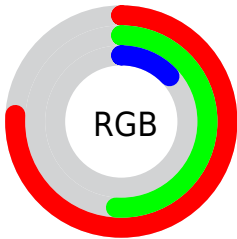
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 137, 193, 33 |
| Decimal | 12681761 |
| CIELab | 59.35, 16.57, 57.66 |
| CIElCh | 59, 59.993, 73.966 |
| Yxy | 27.4125, 0.4817, 0.4365 |
| Android (android.graphics.Color) | 4290871841 (0xFFC18221) |
| YUV | 137.7790, -51.6560, 48.4288 |
| Hunter-Lab | 52.3570, 11.5044, 30.8342 |

Details

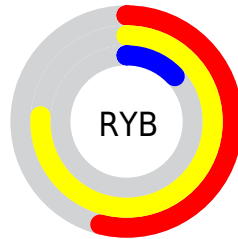
The Hex color **C18221** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **2160C1**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FEB757**, and **865100** is the 20% darker color. If you saturate the color by 10%, you get **C17A0E**, and if you desaturate by 10%, it is **C18A34**.

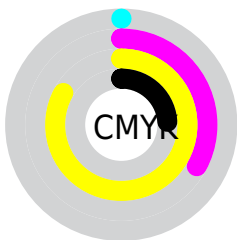
Distribution



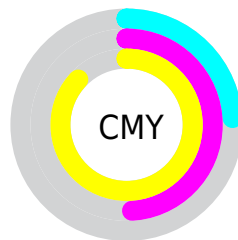
- Red (76%)
- Green (51%)
- Blue (13%)



- Red (54%)
- Yellow (76%)
- Blue (13%)



- Cyan (0%)
- Magenta (33%)
- Yellow (83%)
- Black (24%)



- Cyan (24%)
- Magenta (49%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color C18221 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 C18221 by changing the saturation by 10% instead.

 C18221

 C18221

FFFFFF

 A36900

 FEB757

 865100

 FFD271

 6A3A00

 FFEF8C

 4E2400

 FFFFA7

 330F00

 FFFFC3

 1B0001

 FFFFFE0

 000000

 FFFFFD

 C18221

 C18221

■ C17A0E

■ C18A34

■ C17500

■ C19148

■ C1995B

■ C1A06E

■ C1A882

■ C1B095

■ C1B7A8

■ C1BFBB

■ C1C6CF

Harmonies

Analogous

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



E26C48



C18221



939419

Triad

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



C18221



00A8A7



B176DB

Complementary

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



C18221



2160C1

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.



548CF6



C18221



00A5D7

Square

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



C18221



00A670



009DF4



E061AD

Rectangle

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



C18221



6D9D2F



009DF4



997EE7

Sweetspot

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



C18221



FAE1BB



C12161



7D6E57



FCFCFC



7D7D7D

Same Dimension

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



C18221



FA9802



B1C121



615D57



A16100



211400

Inverse Universe

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



2160C1



0264FA



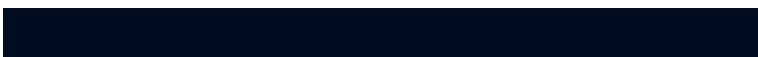
3121C1



575B61



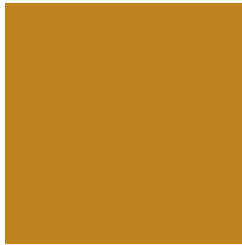
003FA1



000D21

Previews

White Background



This preview shows how the Hex color C18221 looks on a white background.

Color Contrast Check

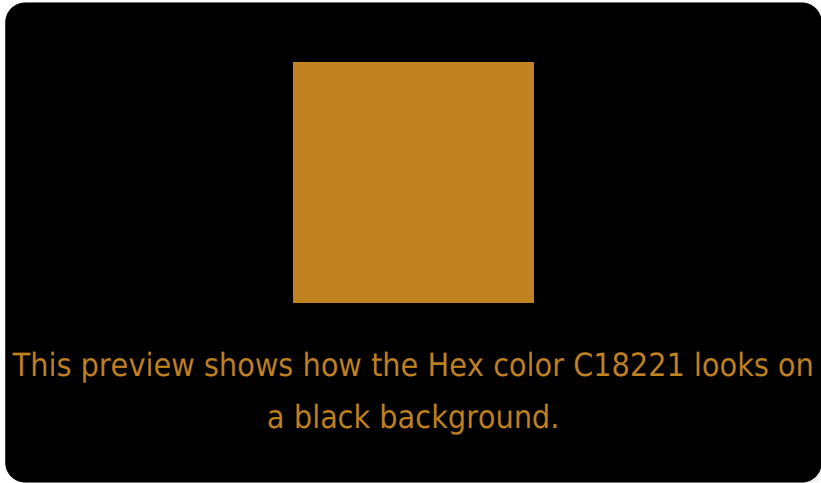
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex C18221 Background



This preview shows how black text looks on a background with the Hex color C18221.



This preview shows how white text looks on a background with the Hex color C18221.

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
C18221

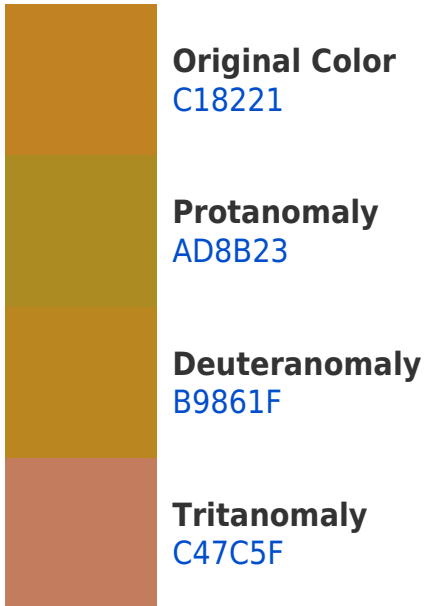
Protanopia
A19024

Deuteranopia
B5881E

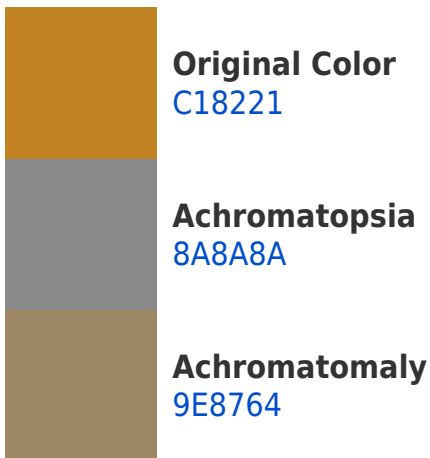


Tritanopia
C67982

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C18221 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 #C18221 looks like.

```
.text, #text, p{  
    color:#C18221  
}
```

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 #C18221 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C18221
}
```

Border

The CSS property to change the border of an element to Hex C18221 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
#C18221 }
```

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

```
.border{ border-color:#C18221 }
```

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

Here you see how a box with a 4 pixel #C18221 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C18221; -webkit-box-shadow:4px 4px  
4px 4px #C18221; box-shadow:4px 4px 4px  
4px #C18221 }
```

Background

The CSS property to change the background color of an element to Hex C18221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C18221 }
```

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

```
.background{ background-color:#C18221 }
```

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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