

# Converting Colors

Hex(B1902C)

Have a look what the booklet for  
Hex(B1902C) contains.

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**Color**

**Hex(B1902C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1902C
RGB	177, 144, 44
RGB Percent	69%, 56%, 17%
CMY	0.3059, 0.4353, 0.8275
CMYK	0.00, 0.19, 0.75, 0.31
HSL	45°, 60%, 43%
HSV	45°, 75%, 69%
XYZ	28.5593, 29.4755, 6.5670
YIQ	142.4670, 51.7680, -24.1040

# Conversions

## Conversions Part 2

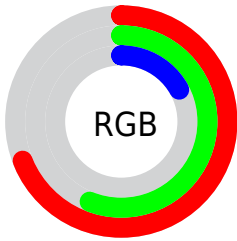
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 177, 44
Decimal	11636780
CIELab	61.20, 2.14, 54.67
CIELCh	61, 54.711, 87.759
Yxy	29.4755, 0.4421, 0.4563
Android (android.graphics.Color)	4289826860 (0xFFB1902C)
YUV	142.4670, -48.5442, 30.2854
Hunter-Lab	54.2913, -1.1119, 30.8323

# Details

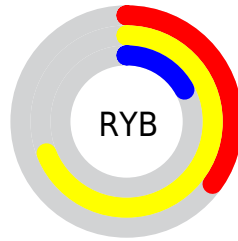
The Hex color **B1902C** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **2C4DB1**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **ECC661**, and **785E00** is the 20% darker color. If you saturate the color by 10%, you get **B18C1A**, and if you desaturate by 10%, it is **B1943E**.

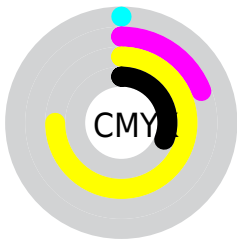
# Distribution



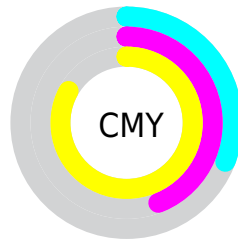
- Red (69%)
- Green (56%)
- Blue (17%)



- Red (35%)
- Yellow (69%)
- Blue (17%)



- Cyan (0%)
- Magenta (19%)
- Yellow (75%)
- Black (31%)



- Cyan (31%)
- Magenta (44%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1902C 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 B1902C by changing the saturation by 10% instead.



 B1902C

 B1902C

FFFFFF

 94770C

 ECC661

 785E00

 FFE17B

 5D4700

 FFFE96

 423100

 FFFFB2

 291C00

 FFFFCE

 0C0300

 FFFFEB

 000000

 B1902C

 B1902C

 B18C1A

 B1943E

 B18709

 B1994F

 B18500

 B19D61

 B1A273

 B1A684

 B1AA96

 B1AFA8

 B1B3BA

 B1B8CB

# Harmonies

## Analogous

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



D67E42



B1902C



819E38

# Triad

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



B1902C



00ABBF



CB74C8

# Complementary

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



B1902C



2C4DB1

# 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.



8F88EA



B1902C



00A6E5

# Square

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



B1902C



00AB8E



009AF4



E96899

# Rectangle

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



B1902C



5AA54F



009AF4



BB7BD5



# Sweetspot

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



B1902C



E6D8B1



B12C4D



736B53



F2F2F2



737373



# Same Dimension

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



B1902C



E6B217



90B12C



595750



997300



1A1300



# Inverse Universe

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



2C4DB1



174AE6



4D2CB1



505359



002699

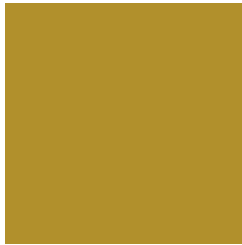


00061A



# Previews

## White Background



This preview shows how the Hex color B1902C looks on a white background.

## Color Contrast Check

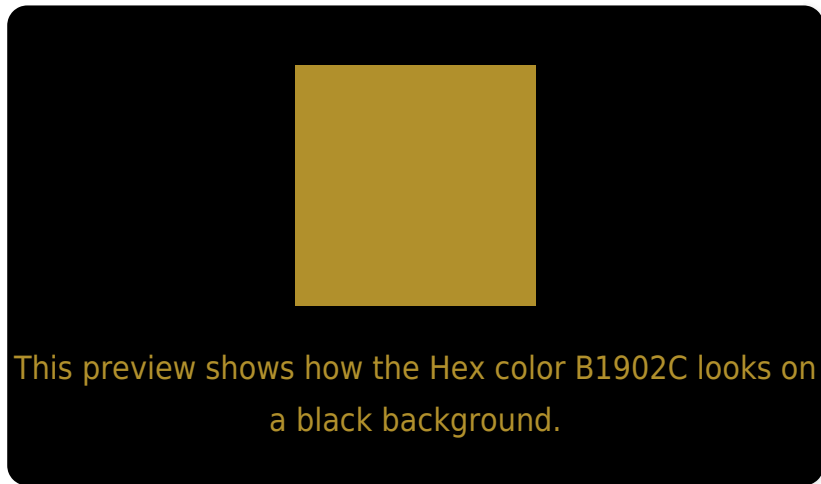
Large Text (above 18pt) WCAG AA ✓ Pass

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

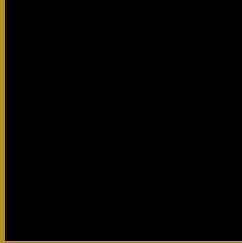
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B1902C Background



This preview shows how black text looks on a background with the Hex color B1902C.



This preview shows how white text looks on a background with the Hex color B1902C.

# 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**  
B1902C

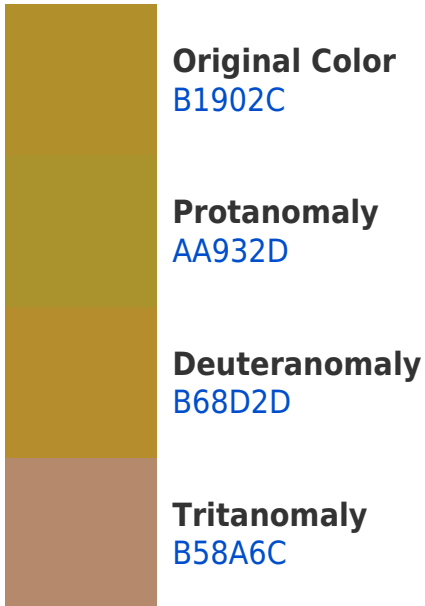
**Protanopia**  
A6942D

**Deuteranopia**  
B98C2D

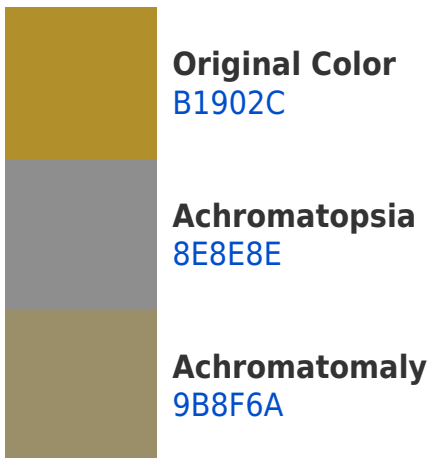


**Tritanopia**  
B88691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1902C 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 #B1902C looks like.

```
.text, #text, p{  
    color:#B1902C  
}
```

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 #B1902C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1902C
}
```

## Border

The CSS property to change the border of an element to Hex B1902C 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
#B1902C }
```

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

```
.border{ border-color:#B1902C }
```

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

Here you see how a box with a 4 pixel #B1902C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1902C; -webkit-box-shadow:4px 4px  
4px 4px #B1902C; box-shadow:4px 4px 4px  
4px #B1902C }
```

# Background

The CSS property to change the background color of an element to Hex B1902C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1902C }
```

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

```
.background{ background-color:#B1902C }
```

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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