

# Converting Colors

Hex(B1905B)

Have a look what the booklet for  
Hex(B1905B) contains.

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**Color**

**Hex(B1905B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1905B
RGB	177, 144, 91
RGB Percent	69%, 56%, 36%
CMY	0.3059, 0.4353, 0.6431
CMYK	0.00, 0.19, 0.49, 0.31
HSL	37°, 36%, 53%
HSV	37°, 49%, 69%
XYZ	29.9930, 30.0490, 14.1168
YIQ	147.8250, 36.6810, -9.4870

# Conversions

## Conversions Part 2

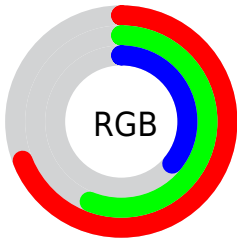
<b>Format</b>	<b>Color</b>
<b>RYB</b>	145, 177, 91
Decimal	11636827
CIELab	61.70, 5.51, 32.73
CIELCh	62, 33.194, 80.449
Yxy	30.0490, 0.4044, 0.4052
Android (android.graphics.Color)	4289826907 (0xFFB1905B)
YUV	147.8250, -28.0147, 25.5865
Hunter-Lab	54.8169, 1.7365, 23.1032

# Details

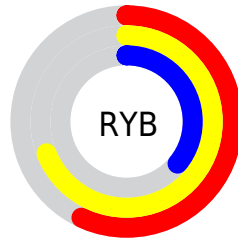
The Hex color **B1905B** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **5B7CB1**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **EAC68E**, and **7A5E2B** is the 20% darker color. If you saturate the color by 10%, you get **B18949**, and if you desaturate by 10%, it is **B1976D**.

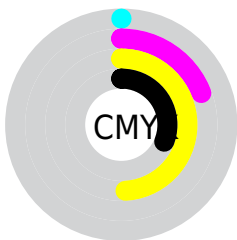
# Distribution



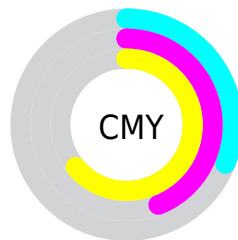
- Red (69%)
- Green (56%)
- Blue (36%)



- Red (57%)
- Yellow (69%)
- Blue (36%)



- Cyan (0%)
- Magenta (19%)
- Yellow (49%)
- Black (31%)



- Cyan (31%)
- Magenta (44%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1905B 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 B1905B by changing the saturation by 10% instead.





B1905B



B1905B

FFFFFF



957643



EAC68E



7A5E2B



FFE2A9



604615



FFFE04



473000



FFFFE0



2E1B00

FFFFFFD



150200



000000



B1905B



B1905B



B18949



B1976D

 B18238

 B19E7E

 B17C26

 B1A490

 B17514

 B1ABA2

 B16E03

 B1B2B4

 B16D00

 B1B9C5

 B1C0D7

 B1C6E9

 B1CDFA

# Harmonies

## Analogous

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



C68669



B1905B



949A5D

# Triad

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



B1905B



26A5A9



B186BB

# Complementary

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



B1905B



5B7CB1

# 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.



8B91CC



B1905B



2AA2C1

# Square

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



B1905B



4DA48A



5B9BCE



C87FA0

# Rectangle

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



B1905B



7E9E67



5B9BCE



A68AC2



# Sweetspot

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



B1905B



E6D8C3



B15B7D



736B5E



F2F2F2



737373



# Same Dimension

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



B1905B



E6B260



A8B15B



595650



995E00



1A1000



# Inverse Universe

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



5B7CB1



6093E6



645BB1



505459



003B99

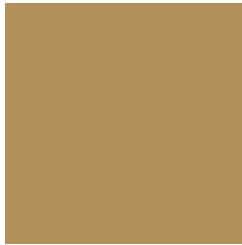


000A1A



# Previews

## White Background



This preview shows how the Hex color B1905B looks on a white background.

## Color Contrast Check

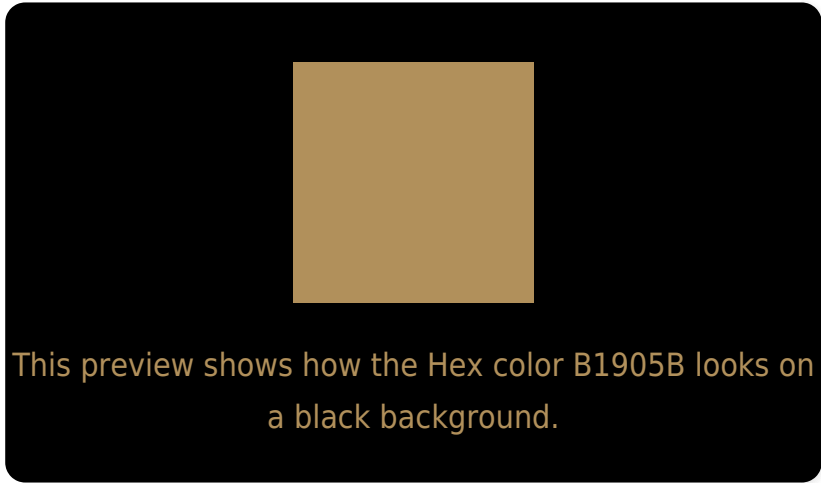
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

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



## Hex B1905B Background



This preview shows how black text looks on a background with the Hex color B1905B.



This preview shows how white text looks on a background with the Hex color B1905B.

# 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**  
B1905B

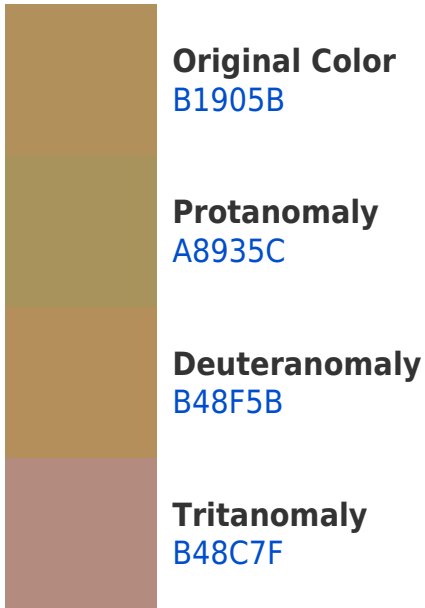
**Protanopia**  
A3955D

**Deuteranopia**  
B58E5B

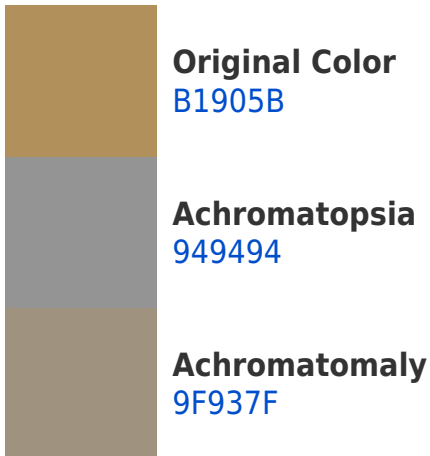


**Tritanopia**  
B68994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1905B 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 #B1905B looks like.

```
.text, #text, p{  
    color:#B1905B  
}
```

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 #B1905B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1905B
}
```

## Border

The CSS property to change the border of an element to Hex B1905B 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
#B1905B }
```

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

```
.border{ border-color:#B1905B }
```

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

Here you see how a box with a 4 pixel #B1905B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1905B; -webkit-box-shadow:4px 4px  
4px 4px #B1905B; box-shadow:4px 4px 4px  
4px #B1905B }
```

# Background

The CSS property to change the background color of an element to Hex B1905B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1905B }
```

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

```
.background{ background-color:#B1905B }
```

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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