

# Converting Colors

Hex(B18923)

Have a look what the booklet for  
Hex(B18923) contains.

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**Color**

**Hex(B18923)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B18923
RGB	177, 137, 35
RGB Percent	69%, 54%, 14%
CMY	0.3059, 0.4627, 0.8627
CMYK	0.00, 0.23, 0.80, 0.31
HSL	43°, 67%, 42%
HSV	43°, 80%, 69%
XYZ	27.3805, 27.3598, 5.4280
YIQ	137.3320, 56.5820, -23.2420

# Conversions

## Conversions Part 2

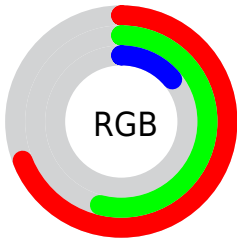
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 177, 35
Decimal	11634979
CIE <sub>Lab</sub>	59.31, 5.63, 56.23
CIE <sub>LCh</sub>	59, 56.511, 84.286
Yxy	27.3598, 0.4551, 0.4547
Android (android.graphics.Color)	4289825059 (0xFFB18923)
YUV	137.3320, -50.4497, 34.7888
Hunter-Lab	52.3066, 1.9014, 30.4620

# Details

The Hex color **B18923** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **234BB1**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **ECBE59**, and **785800** is the 20% darker color. If you saturate the color by 10%, you get **B18411**, and if you desaturate by 10%, it is **B18E35**.

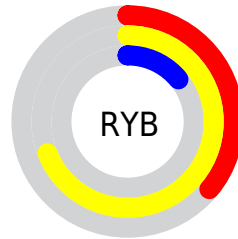
# Distribution



Red (69%)

Green (54%)

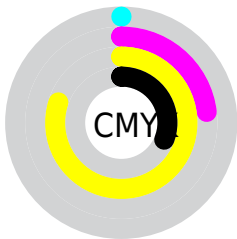
Blue (14%)



Red (36%)

Yellow (69%)

Blue (14%)

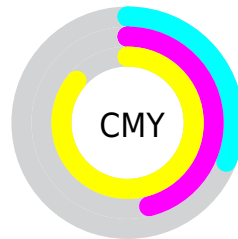


Cyan (0%)

Magenta (23%)

Yellow (80%)

Black (31%)



Cyan (31%)

Magenta (46%)


Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B18923 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 B18923 by changing the saturation by 10% instead.



 B18923

 B18923

FFFFFF

 947000

 ECBE59

 785800

 FFDA73

 5D4000

 FFF68E

 412B00

 FFFFA9

 281700

 FFFFC5

 070000

 FFFF E2

 000000

 B18923

 B18923

 B18411

 B18E35

 B17F00

 B19346

 B19858

 B19D6A

 B1A27B

 B1A78D

 B1AC9F

 B1B1B1

 B1B6C2

# Harmonies

## Analogous

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



D5763E



B18923



81982C

# Triad

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



B18923



00A6B6



C270C9

# Complementary

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



B18923



234BB1

# 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.



7F86EA



B18923



00A2DF

# Square

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



B18923



00A683



0097F2



E3619A

# Rectangle

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



B18923



5A9F43



0097F2



B077D6



# Sweetspot

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



B18923



E6D6AE



B1234B



736951



F2F2F2



737373



# Same Dimension

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



B18923



E6A709



92B123



595750



996E00



1A1200



# Inverse Universe

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



234BB1



0947E6



4223B1



505359



002B99



00071A



# Previews

## White Background



This preview shows how the Hex color B18923 looks on a white background.

## Color Contrast Check

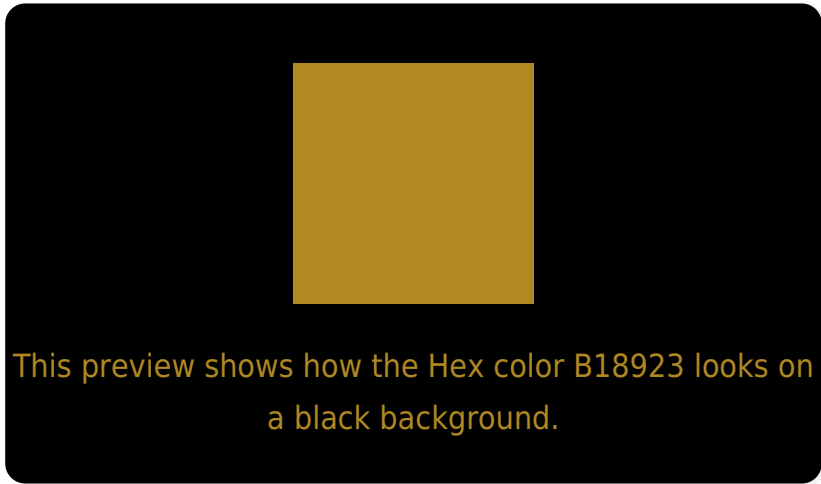
Large Text (above 18pt) WCAG AA ✓ Pass

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 B18923 Background



This preview shows how black text looks on a background with the Hex color B18923.



This preview shows how white text looks on a background with the Hex color B18923.

# 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**  
B18923

**Protanopia**  
A18F25

**Deuteranopia**  
B48824



**Tritanopia**  
B88089

# Trichromacy



**Original Color**  
B18923

**Protanomaly**  
A78D24

**Deuteranomaly**  
B38824

**Tritanomaly**  
B58364

# Monochromacy



**Original Color**  
B18923

**Achromatopsia**  
898989

**Achromatomaly**  
988964

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B18923 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 #B18923 looks like.

```
.text, #text, p{  
    color:#B18923  
}
```

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 #B18923 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B18923
}
```

## Border

The CSS property to change the border of an element to Hex B18923 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
#B18923 }
```

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

```
.border{ border-color:#B18923 }
```

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

Here you see how a box with a 4 pixel #B18923 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B18923; -webkit-box-shadow:4px 4px  
4px 4px #B18923; box-shadow:4px 4px 4px  
4px #B18923 }
```

# Background

The CSS property to change the background color of an element to Hex B18923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B18923 }
```

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

```
.background{ background-color:#B18923 }
```

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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