

# Converting Colors

Hex(0B9B17)

Have a look what the booklet for  
Hex(0B9B17) contains.

<b>Hex(0B9B17)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(0B9B17)**

# Conversions

Conversions Part 1	
Format	Color
Hex	0B9B17
RGB	11, 155, 23
RGB Percent	4%, 61%, 9%
CMY	0.9569, 0.3922, 0.9098
CMYK	0.93, 0.00, 0.85, 0.39
HSL	125°, 87%, 33%
HSV	125°, 93%, 61%
XYZ	12.0140, 23.5757, 4.7280
YIQ	96.8960, -43.4520, -71.5800

# Conversions

## Conversions Part 2

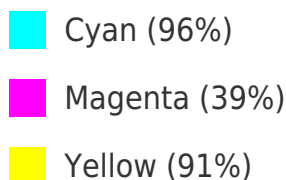
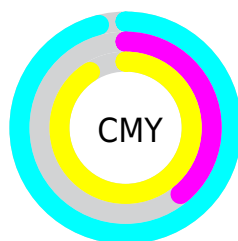
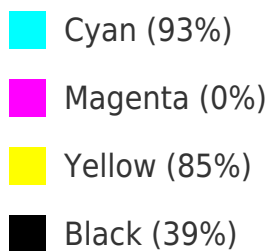
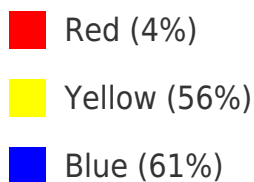
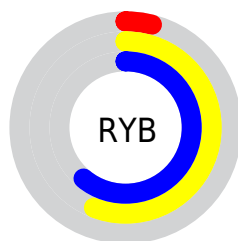
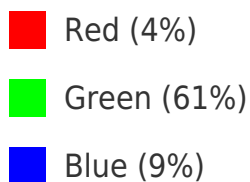
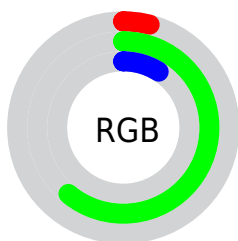
Format	Color
<a href="#">RYB</a>	<a href="#">11, 144, 155</a>
Decimal	<a href="#">760599</a>
CIELab	<a href="#">55.66, -57.95, 53.26</a>
CIELCh	<a href="#">56, 78.705, 137.418</a>
Yxy	<a href="#">23.5757, 0.2980, 0.5847</a>
Android (android.graphics.Color)	<a href="#">4278950679</a> (0xFF0B9B17)
YUV	<a href="#">96.8960, -36.4307, -75.3308</a>
Hunter-Lab	<a href="#">48.5548, -40.8043, 28.2151</a>

# Details

The Hex color **0B9B17** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9B0B8F**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **5CD350**, and **006600** is the 20% darker color. If you saturate the color by 10%, you get **009B0D**, and if you desaturate by 10%, it is **1A9B25**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 0B9B17 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 0B9B17 by changing the saturation by 10% instead.



 0B9B17

 0B9B17

FFFFFF

 008000

 5CD350

 006600

 7BF06B

 004D00

 98FF86

 003500

 B6FFA2

 001C00

 D4FFBE

 000000

 F2FFDA

 FFFFF7

 0B9B17

 0B9B17

 009B0D

 1A9B25

 2A9B33

 399B42

 499B50

 589B5E

 689B6C

 789B7A

 879B89

 969B97

# Harmonies

## Analogous

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



7C8E00



0B9B17



00A165

# Triad

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



0B9B17



0096FF



FB3161

# Complementary

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



0B9B17



9B0B8F

# 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.



EF35A5



0B9B17



1B80FF

# Square

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



0B9B17



00A0EA



B85DE3



E6561E

# Rectangle

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



0B9B17



00A395



B85DE3



FB2B78



# Sweetspot

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



0B9B17



91C996



8F9B0B



436646



E6E6E6



666666



# Same Dimension

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



0B9B17



00C911



0B9B5F



454D45



008C0C



000D01



# Inverse Universe

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



9B0B8F



C900B9



9B0B47



4D454C



8C0081

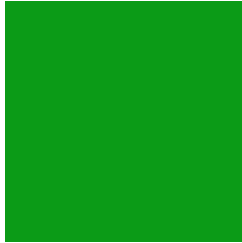


0D000C



# Previews

## White Background



This preview shows how the Hex color 0B9B17 looks on a white background.

## Color Contrast Check

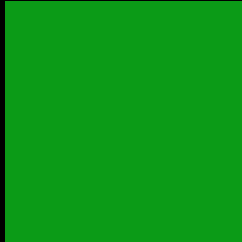
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color 0B9B17 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

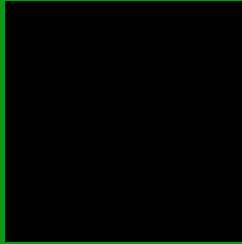
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0B9B17 Background



This preview shows how black text looks on a background with the Hex color 0B9B17.



This preview shows how white text looks on a background with the Hex color 0B9B17.

# 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**  
0B9B17

**Protanopia**  
958510

**Deuteranopia**  
A67E28



# Tritanopia

## 41909C

# Trichromacy



**Original Color**

0B9B17



**Protanomaly**

638D13



**Deuteranomaly**

6E8922



**Tritanomaly**

2D946C

# Monochromacy



**Original Color**

0B9B17



**Achromatopsia**

616161



**Achromatomaly**

427646

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B9B17 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 #0B9B17 looks like.

```
.text, #text, p{  
    color:#0B9B17  
}
```

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 #0B9B17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B9B17
}
```

## Border

The CSS property to change the border of an element to Hex 0B9B17 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
#0B9B17 }
```

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

```
.border{ border-color:#0B9B17 }
```

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

Here you see how a box with a 4 pixel #0B9B17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B9B17; -webkit-box-shadow:4px 4px  
4px 4px #0B9B17; box-shadow:4px 4px 4px  
4px #0B9B17 }
```

# Background

The CSS property to change the background color of an element to Hex 0B9B17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B9B17 }
```

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

```
.background{ background-color:#0B9B17 }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor