

Converting Colors

Hex(00991B)

Have a look what the booklet for
Hex(00991B) contains.

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Color

Hex(00991B)

Conversions

Conversions Part 1

Format	Color
Hex	00991B
RGB	0, 153, 27
RGB Percent	0%, 60%, 11%
CMY	1.0000, 0.4000, 0.8941
CMYK	1.00, 0.00, 0.82, 0.40
HSL	131°, 100%, 30%
HSV	131°, 100%, 60%
XYZ	11.5891, 22.8616, 4.8388
YIQ	92.8890, -50.7420, -71.6220

Conversions

Conversions Part 2

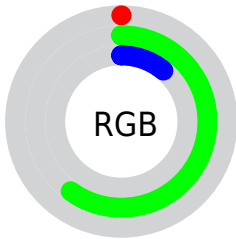
Format	Color
RYB	0, 130, 153
Decimal	39195
CIELab	54.93, -57.79, 51.45
CIELCh	55, 77.378, 138.324
Yxy	22.8616, 0.2950, 0.5819
Android (android.graphics.Color)	4278229275 (0xFF00991B)
YUV	92.8890, -32.4833, -81.4637
Hunter-Lab	47.8138, -40.4095, 27.4694

Details

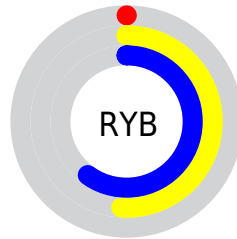
The Hex color **00991B** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **99007E**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **59D153**, and **006400** is the 20% darker color. If you saturate the color by 10%, you get **00991B**, and if you desaturate by 10%, it is **0F9928**.

Distribution



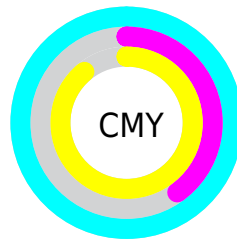
- Red (0%)
- Green (60%)
- Blue (11%)



- Red (0%)
- Yellow (51%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (82%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00991B 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 00991B by changing the saturation by 10% instead.

 00991B

 00991B

FFFFFF

 007E00

 59D153

 006400

 77ED6D

 004B00

 95FF88

 003400

 B3FFA3

 001A00

 D0FFBF

 000000

 EEFFDC

 FFFFF9

 00991B

 0F9928

 1F9934

 2E9941

 3D994D

 4D995A

 5C9967

 6B9973

 7A9980

 8A998C

Harmonies

Analogous

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



798D00



00991B



009F66

Triad

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



00991B



0093FF



F7325E

Complementary

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



00991B



99007E

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.



EC34A1



00991B



2C7DFE

Square

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



00991B



009EE7



B75BDE



E1571B

Rectangle

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



00991B



00A095



B75BDE



F72C74

Sweetspot

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



00991B



8BC796



7F9900



406346



E3E3E3



636363

Same Dimension

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



00991B



00C723



009966



454D46



008C19



000D02

Inverse Universe

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



99007E



C700A4



990033



4D454B



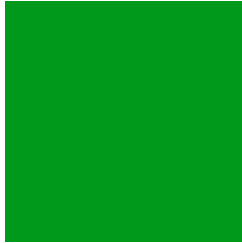
8C0074



0D000B

Previews

White Background



This preview shows how the Hex color 00991B looks on a white background.

Color Contrast Check

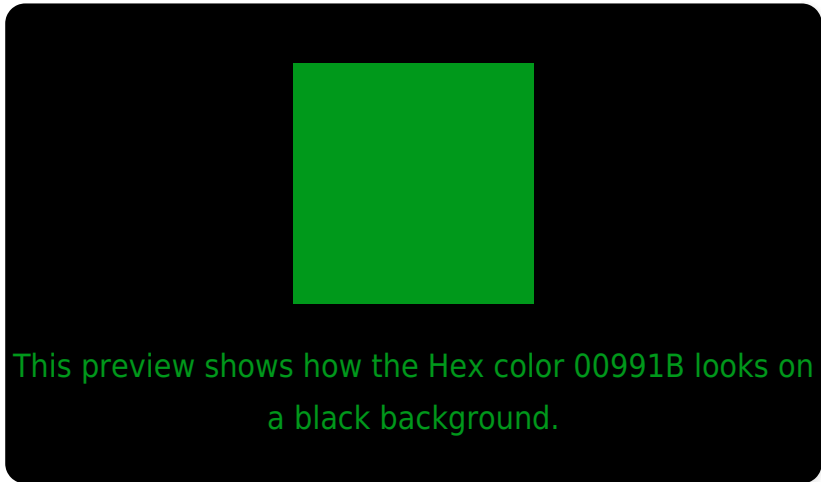
Large Text (above 18pt) WCAG AA ✓ Pass

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 00991B Background



This preview shows how black text looks on a background with the Hex color 00991B.



This preview shows how white text looks on a background with the Hex color 00991B.

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
00991B

Protanopia
938315

Deuteranopia
A47C2A



Tritanopia
408E9A

Trichromacy



Original Color
00991B



Protanomaly
5E8B17



Deuteranomaly
688725



Tritanomaly
29926C

Monochromacy



Original Color
00991B



Achromatopsia
5D5D5D



Achromatomaly
3B7345

CSS Examples

Text

The CSS property to change the color of the text to Hex 00991B 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 #00991B looks like.

```
.text, #text, p{  
    color:#00991B  
}
```

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 #00991B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00991B
}
```

Border

The CSS property to change the border of an element to Hex 00991B 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
#00991B }
```

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

```
.border{ border-color:#00991B }
```

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

Here you see how a box with a 4 pixel #00991B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00991B; -webkit-box-shadow:4px 4px  
4px 4px #00991B; box-shadow:4px 4px 4px  
4px #00991B }
```

Background

The CSS property to change the background color of an element to Hex 00991B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00991B }
```

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

```
.background{ background-color:#00991B }
```

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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