

Converting Colors

Hex(00900A)

Have a look what the booklet for
Hex(00900A) contains.

Hex(00900A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00900A)

Conversions

Conversions Part 1

Format	Color
Hex	00900A
RGB	0, 144, 10
RGB Percent	0%, 56%, 4%
CMY	1.0000, 0.4353, 0.9608
CMYK	1.00, 0.00, 0.93, 0.44
HSL	124°, 100%, 28%
HSV	124°, 100%, 56%
XYZ	10.0280, 19.9684, 3.6129
YIQ	85.6680, -42.8100, -72.2020

Conversions

Conversions Part 2

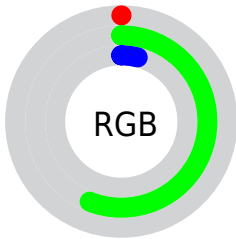
Format	Color
RYB	0, 135, 144
Decimal	36874
CIELab	51.80, -55.98, 52.63
CIELCh	52, 76.839, 136.769
Yxy	19.9684, 0.2984, 0.5941
Android (android.graphics.Color)	4278226954 (0xFF00900A)
YUV	85.6680, -37.3043, -75.1308
Hunter-Lab	44.6861, -38.1432, 26.4866

Details

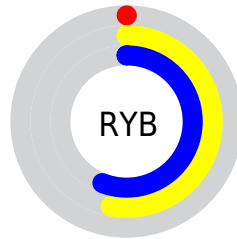
The Hex color **00900A** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **900086**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **57C748**, and **005C00** is the 20% darker color. If you saturate the color by 10%, you get **00900A**, and if you desaturate by 10%, it is **0E9017**.

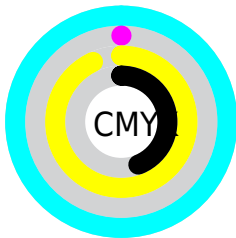
Distribution



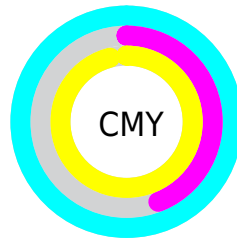
- Red (0%)
- Green (56%)
- Blue (4%)



- Red (0%)
- Yellow (53%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (93%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00900A 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 00900A by changing the saturation by 10% instead.

 00900A

 00900A

FFFFFF

 007600

 57C748

 005C00

 75E462

 004300

 92FF7D

 002D00

 AFFF98

 000C00

 CDFFB4

 000000

 EBFFD1

 FFFFED

 00900A

 0E9017

 1D9025

 2B9032

 3A9040

 48904D

 56905A

 659068

 739075

 829083

Harmonies

Analogous

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



738400



00900A



00965B

Triad

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



00900A



008CFD



EC255A

Complementary

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



00900A



900086

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.



E02B9C



00900A



0077FB

Square

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



00900A



0095DB



AA55D7



D84D18

Rectangle

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



00900A



009789



AA55D7



EC1E70

Sweetspot

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



00900A



82BA86



869000



3C5E3F



DEDEDE



5E5E5E

Same Dimension

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



00900A



00BA0D



009052



404741



008709



000801

Inverse Universe

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



900086



BA00AD



90003E



474047



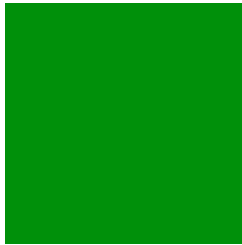
87007E



080007

Previews

White Background



This preview shows how the Hex color 00900A looks on a white background.

Color Contrast Check

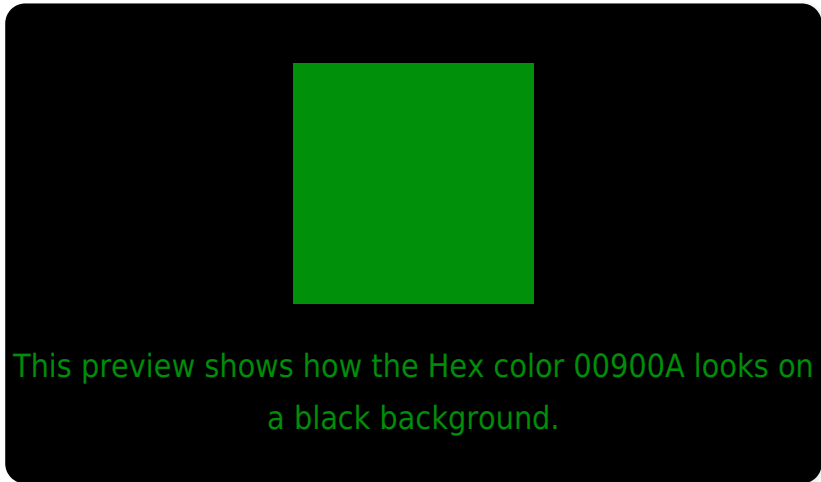
Large Text (above 18pt) WCAG AA ✓ Pass

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

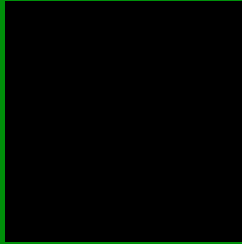
Any Text WCAG AA ✓ Pass

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 00900A Background



This preview shows how black text looks on a background with the Hex color 00900A.



This preview shows how white text looks on a background with the Hex color 00900A.

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](#).

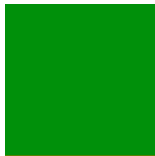
Dichromacy





Tritanopia
3C8691

Trichromacy



Original Color
00900A



Protanomaly
588304

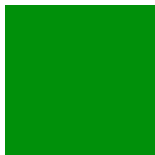


Deuteranomaly
637F18



Tritanomaly
268A60

Monochromacy



Original Color
00900A



Achromatopsia
565656



Achromatomaly
376B3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00900A 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 #00900A looks like.

```
.text, #text, p{  
    color:#00900A  
}
```

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 #00900A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00900A
}
```

Border

The CSS property to change the border of an element to Hex 00900A 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".

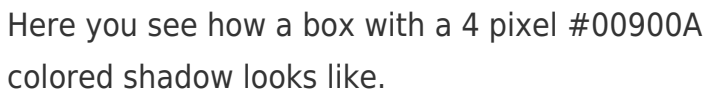
```
.border, #border, table{ border:4px solid
#00900A }
```

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

```
.border{ border-color:#00900A }
```

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

Here you see how a box with a 4 pixel #00900A colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00900A; -webkit-box-shadow:4px 4px  
4px 4px #00900A; box-shadow:4px 4px 4px  
4px #00900A }
```

Background

The CSS property to change the background color of an element to Hex 00900A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00900A }
```

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

```
.background{ background-color:#00900A }
```

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