

# Converting Colors

Hex(0A9100)

Have a look what the booklet for  
Hex(0A9100) contains.

<b>Hex(0A9100)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(0A9100)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A9100
RGB	10, 145, 0
RGB Percent	4%, 57%, 0%
CMY	0.9608, 0.4314, 1.0000
CMYK	0.93, 0.00, 1.00, 0.43
HSL	116°, 100%, 28%
HSV	116°, 100%, 57%
XYZ	10.2506, 20.3153, 3.3810
YIQ	88.1050, -33.9150, -73.7150

# Conversions

## Conversions Part 2

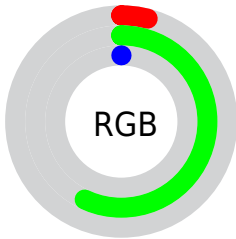
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 145, 135
Decimal	692480
CIELab	52.19, -55.93, 54.71
CIELCh	52, 78.241, 135.633
Yxy	20.3153, 0.3020, 0.5984
Android (android.graphics.Color)	4278882560 (0xFF0A9100)
YUV	88.1050, -43.4358, -68.4981
Hunter-Lab	45.0725, -38.2817, 27.1033

# Details

The Hex color **0A9100** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **870091**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **5AC844**, and **005D00** is the 20% darker color. If you saturate the color by 10%, you get **0A9100**, and if you desaturate by 10%, it is **17910E**.

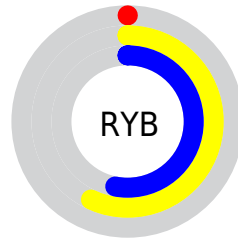
# Distribution



Red (4%)

Green (57%)

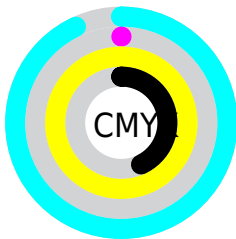
Blue (0%)



Red (0%)

Yellow (57%)

Blue (53%)

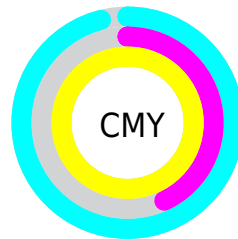


Cyan (93%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (96%)

Magenta (43%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A9100 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 0A9100 by changing the saturation by 10% instead.



 0A9100

 0A9100

FFFFFF

 007600

 5AC844

 005D00

 78E55F

 004400

 95FF7A

 002E00

 B2FF95

 000E00

 D0FFB1

 000000

 EEFFCD

 FFFFEA

 0A9100

 17910E

 25911D

 32912C

 40913A

 4D9149

 5B9157

 699166

 769174

 849183

# Harmonies

## Analogous

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



778400



0A9100



009759

# Triad

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



0A9100



008EFF



F0215D

# Complementary

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



0A9100



870091

# 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.



E22AA0



0A9100



0079FF

# Square

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



0A9100



0097DC



A957DC



DC4B1A

# Rectangle

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



0A9100



009988



A957DC



EF1973



# Sweetspot

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



0A9100



88BD84



918500



3F5E3C



DEDEDE



5E5E5E



# Same Dimension

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



0A9100



0DBD00



00913C



414740



098700



010800



# Inverse Universe

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



870091



B000BD



910055



474047



7E0087

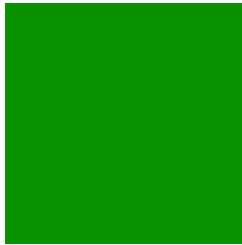


070008



# Previews

## White Background



This preview shows how the Hex color 0A9100 looks on a white background.

## Color Contrast Check

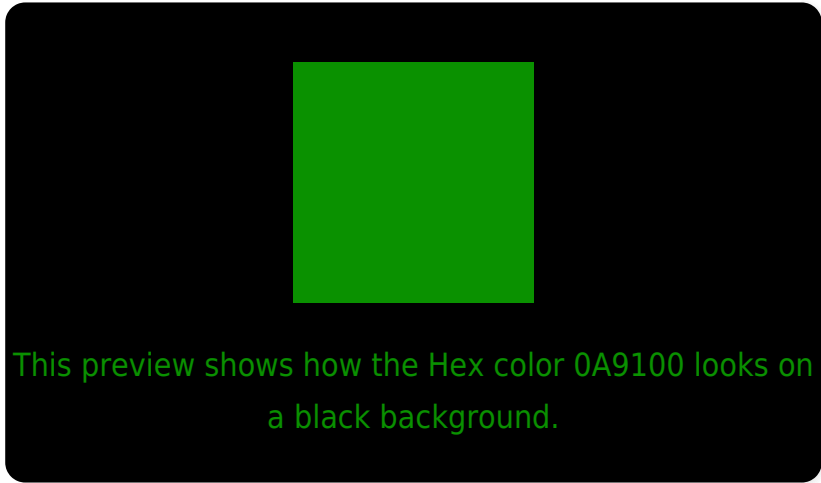
Large Text (above 18pt) WCAG AA ✓ Pass

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 0A9100 Background



This preview shows how black text looks on a background with the Hex color 0A9100.

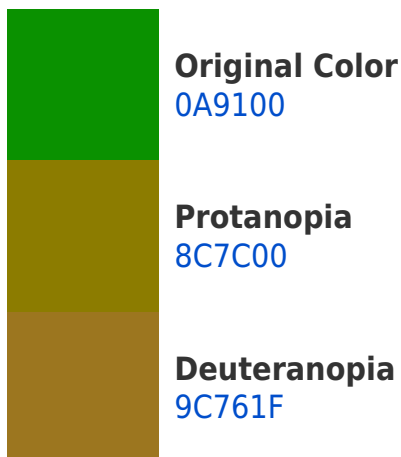


This preview shows how white text looks on a background with the Hex color 0A9100.

# 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**  
3D8792

# Trichromacy



**Original Color**  
0A9100



**Protanomaly**  
5D8400



**Deuteranomaly**  
678014



**Tritanomaly**  
2A8B5D

# Monochromacy



**Original Color**  
0A9100



**Achromatopsia**  
585858



**Achromatomaly**  
3C6D38

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A9100 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 #0A9100 looks like.

```
.text, #text, p{  
    color:#0A9100  
}
```

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 #0A9100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A9100
}
```

## Border

The CSS property to change the border of an element to Hex 0A9100 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
#0A9100 }
```

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

```
.border{ border-color:#0A9100 }
```

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

Here you see how a box with a 4 pixel #0A9100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A9100; -webkit-box-shadow:4px 4px  
4px 4px #0A9100; box-shadow:4px 4px 4px  
4px #0A9100 }
```

# Background

The CSS property to change the background color of an element to Hex 0A9100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A9100 }
```

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

```
.background{ background-color:#0A9100 }
```

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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