

# Converting Colors

Hex(3A9B00)

Have a look what the booklet for  
Hex(3A9B00) contains.

<b>Hex(3A9B00)</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(3A9B00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3A9B00
RGB	58, 155, 0
RGB Percent	23%, 61%, 0%
CMY	0.7725, 0.3922, 1.0000
CMYK	0.63, 0.00, 1.00, 0.39
HSL	98°, 100%, 30%
HSV	98°, 100%, 61%
XYZ	13.4663, 24.3422, 3.9888
YIQ	108.3270, -8.0570, -68.7690

# Conversions

## Conversions Part 2

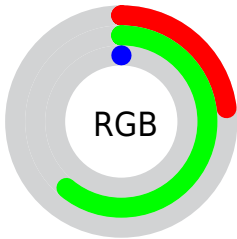
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 155, 97
Decimal	3840768
CIELab	56.43, -51.53, 58.45
CIElCh	56, 77.927, 131.400
Yxy	24.3422, 0.3222, 0.5824
Android (android.graphics.Color)	4282030848 (0xFF3A9B00)
YUV	108.3270, -53.4052, -44.1368
Hunter-Lab	49.3378, -37.6215, 29.7431

# Details

The Hex color **3A9B00** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **61009B**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **76D247**, and **006600** is the 20% darker color. If you saturate the color by 10%, you get **3A9B00**, and if you desaturate by 10%, it is **449B0F**.

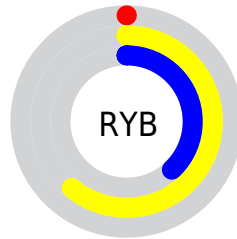
# Distribution



Red (23%)

Green (61%)

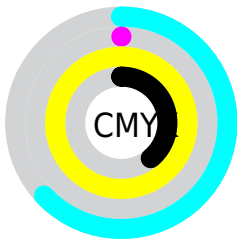
Blue (0%)



Red (0%)

Yellow (61%)

Blue (38%)

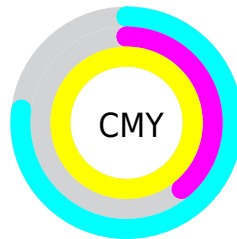


Cyan (63%)

Magenta (0%)

Yellow (100%)

Black (39%)



Cyan (77%)

Magenta (39%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A9B00 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 3A9B00 by changing the saturation by 10% instead.



 3A9B00

 3A9B00

FFFFFF

 128000

 76D247

 006600

 93EF62

 004D00

 B0FF7D

 003600

 CDFF99

 001F00

 EBFFB5

 000000

 FFFFD1

 FFFFEE

 3A9B00

 449B0F

 4D9B1F

 579B2F

 619B3E

 6B9B4E

 749B5D

 7E9B6C

 889B7C

 919B8B

# Harmonies

## Analogous

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



8C8D00



3A9B00



00A259

# Triad

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



3A9B00



009BFF



FD3271

# Complementary

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



3A9B00



61009B

# 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.



E940B4



3A9B00



0087FF

# Square

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



3A9B00



00A3E0



A867EE



EE522F

# Rectangle

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



3A9B00



00A489



A867EE



FB3087



# Sweetspot

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



3A9B00



A4C98D



9B6000



4F6641



E6E6E6



666666



# Same Dimension

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



3A9B00



4BC900



009B12



484D45



348C00



050D00



# Inverse Universe

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



61009B



7E00C9



9B0089



4A454D



58008C



08000D



# Previews

## White Background



This preview shows how the Hex color 3A9B00 looks on a white background.

## Color Contrast Check

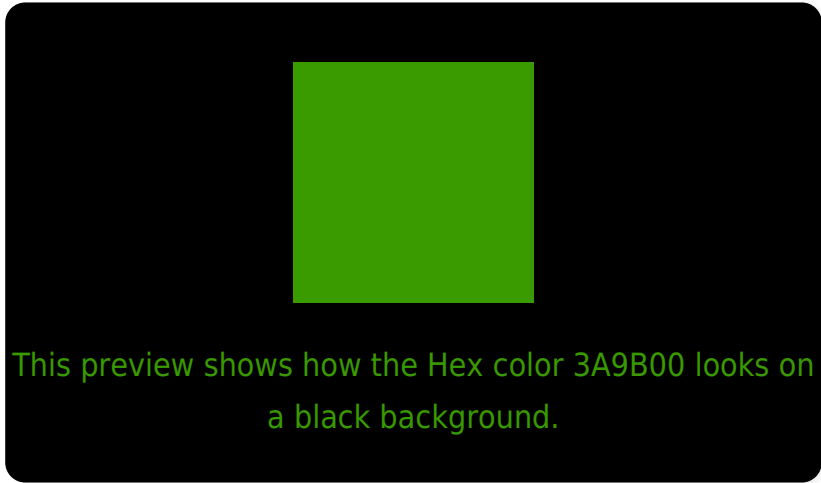
Large Text (above 18pt) WCAG AA ✓ Pass

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 3A9B00 Background



This preview shows how black text looks on a background with the Hex color 3A9B00.



This preview shows how white text looks on a background with the Hex color 3A9B00.

# 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**  
3A9B00

**Protanopia**  
988700

**Deuteranopia**  
A98021



**Tritanopia**  
55909C

# Trichromacy



**Original Color**

3A9B00



**Protanomaly**

768E00



**Deuteranomaly**

818A15



**Tritanomaly**

4B9463

# Monochromacy



**Original Color**

3A9B00



**Achromatopsia**

6C6C6C



**Achromatomaly**

5A7D45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A9B00 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 #3A9B00 looks like.

```
.text, #text, p{  
    color:#3A9B00  
}
```

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 #3A9B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A9B00  
}
```

## Border

The CSS property to change the border of an element to Hex 3A9B00 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  
#3A9B00 }
```

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

```
.border{ border-color:#3A9B00 }
```

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

Here you see how a box with a 4 pixel #3A9B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A9B00; -webkit-box-shadow:4px 4px  
4px 4px #3A9B00; box-shadow:4px 4px 4px  
4px #3A9B00 }
```

# Background

The CSS property to change the background color of an element to Hex 3A9B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A9B00 }
```

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

```
.background{ background-color:#3A9B00 }
```

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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