

# Converting Colors

Hex(30A901)

Have a look what the booklet for  
Hex(30A901) contains.

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**Color**

**Hex(30A901)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30A901
RGB	48, 169, 1
RGB Percent	19%, 66%, 0%
CMY	0.8118, 0.3373, 0.9961
CMYK	0.72, 0.00, 0.99, 0.34
HSL	103°, 99%, 33%
HSV	103°, 99%, 66%
XYZ	15.4124, 29.0065, 4.8152
YIQ	113.6690, -18.1880, -77.9000

# Conversions

## Conversions Part 2

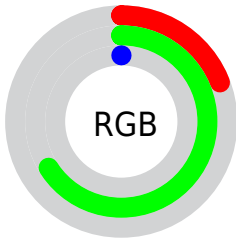
<b>Format</b>	<b>Color</b>
<b>RYB</b>	1, 169, 122
Decimal	3188993
CIELab	60.79, -58.32, 61.67
CIElCh	61, 84.879, 133.405
Yxy	29.0065, 0.3130, 0.5892
Android (android.graphics.Color)	4281379073 (0xFF30A901)
YUV	113.6690, -55.5458, -57.5917
Hunter-Lab	53.8577, -43.1699, 32.3995

# Details

The Hex color **30A901** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **7A01A9**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **72E14A**, and **007300** is the 20% darker color. If you saturate the color by 10%, you get **2FA900**, and if you desaturate by 10%, it is **3CA912**.

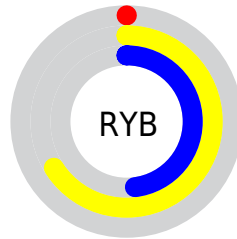
# Distribution



Red (19%)

Green (66%)

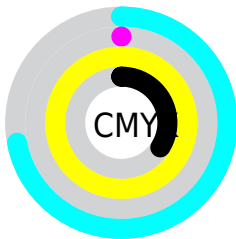
Blue (0%)



Red (0%)

Yellow (66%)

Blue (48%)

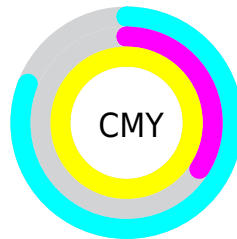


Cyan (72%)

Magenta (0%)

Yellow (99%)

Black (34%)



Cyan (81%)

Magenta (34%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 30A901 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 30A901 by changing the saturation by 10% instead.



 30A901

 30A901

FFFFFF

 008E00

 72E14A

 007300

 8FFE66

 005A00

 ADFF81

 004100

 CBFF9D

 002A00

 E9FFBA

 000500

 FFFFD6

 000000

 FFFFF4

 30A901

 30A901

■ 2FA900

■ 3CA912

■ 48A923

■ 55A934

■ 61A945

■ 6DA956

■ 79A966

■ 85A977

■ 91A988

■ 9EA999

# Harmonies

## Analogous

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



929A00



30A901



00B065

# Triad

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



30A901



00A7FF



FF3175

# Complementary

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



30A901



7A01A9

# 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.



FF3FBF



30A901



0091FF

# Square

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



30A901



00B1F9



BE6CFF



FF592C

# Rectangle

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



30A901



00B399



BE6CFF



FF2D8D



# Sweetspot

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



30A901



ACDB9A



A97901



516E46



EDEDED



6E6E6E



# Same Dimension

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



30A901



3DDB00



01A925



4E544C



299400



061400



# Inverse Universe

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



7A01A9



9E00DB



A90185



524C54



6B0094

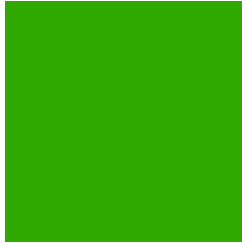


0F0014



# Previews

## White Background



This preview shows how the Hex color 30A901 looks on a white background.

## Color Contrast Check

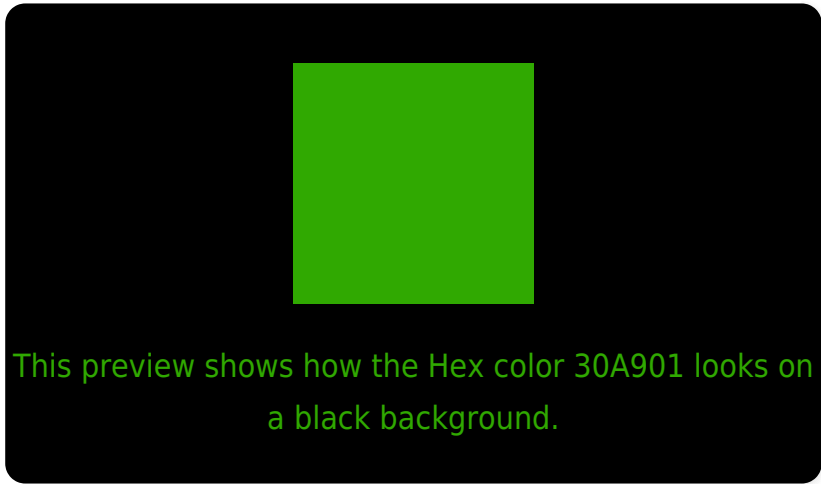
Large Text (above 18pt) WCAG AA ✓ Pass

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

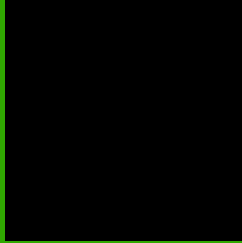
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 30A901 Background



This preview shows how black text looks on a background with the Hex color 30A901.

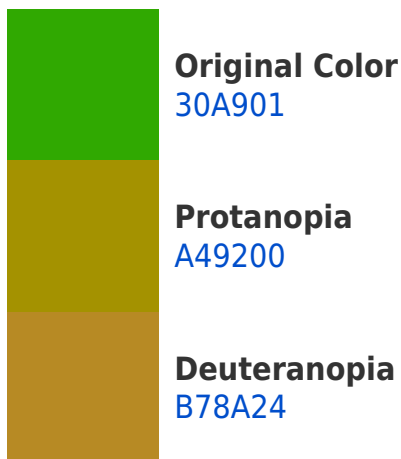


This preview shows how white text looks on a background with the Hex color 30A901.

# 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**  
539DAA

# Trichromacy



**Original Color**  
30A901



**Protanomaly**  
7A9A00



**Deuteranomaly**  
869517



**Tritanomaly**  
46A16D

# Monochromacy



**Original Color**  
30A901



**Achromatopsia**  
727272



**Achromatomaly**  
5A8649

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 30A901 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 #30A901 looks like.

```
.text, #text, p{  
    color:#30A901  
}
```

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 #30A901 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30A901
}
```

## Border

The CSS property to change the border of an element to Hex 30A901 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
#30A901 }
```

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

```
.border{ border-color:#30A901 }
```

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

Here you see how a box with a 4 pixel #30A901 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30A901; -webkit-box-shadow:4px 4px  
4px 4px #30A901; box-shadow:4px 4px 4px  
4px #30A901 }
```

# Background

The CSS property to change the background color of an element to Hex 30A901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30A901 }
```

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

```
.background{ background-color:#30A901 }
```

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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