

Converting Colors

Hex(34A902)

Have a look what the booklet for
Hex(34A902) contains.

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Color

Hex(34A902)

Conversions

Conversions Part 1

Format	Color
Hex	34A902
RGB	52, 169, 2
RGB Percent	20%, 66%, 1%
CMY	0.7961, 0.3373, 0.9922
CMYK	0.69, 0.00, 0.99, 0.34
HSL	102°, 98%, 34%
HSV	102°, 99%, 66%
XYZ	15.6151, 29.1104, 4.8533
YIQ	114.9790, -16.1250, -76.7410

Conversions

Conversions Part 2

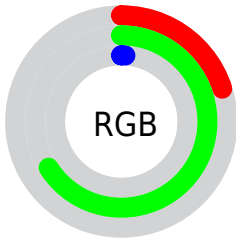
Format	Color
R_{YB}	2, 169, 119
Decimal	3451138
CIE _{Lab}	60.88, -57.53, 61.64
CIE _{LCh}	61, 84.314, 133.026
Yxy	29.1104, 0.3150, 0.5872
Android (android.graphics.Color)	4281641218 (0xFF34A902)
YUV	114.9790, -55.6986, -55.2326
Hunter-Lab	53.9540, -42.7590, 32.4345

Details


The Hex color **34A902** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **7702A9**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **74E14A**, and **007300** is the 20% darker color. If you saturate the color by 10%, you get **33A900**, and if you desaturate by 10%, it is **40A913**.

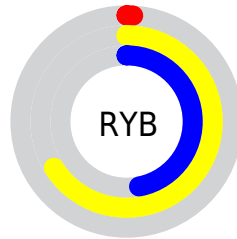
Distribution



 Red (20%)

 Green (66%)

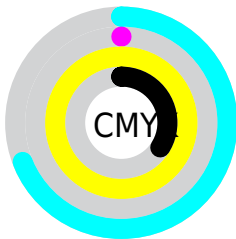
 Blue (1%)




 Red (1%)

 Yellow (66%)

 Blue (47%)

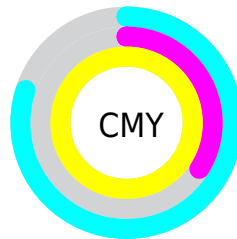



 Cyan (69%)

 Magenta (0%)

 Yellow (99%)

 Black (34%)



 Cyan (80%)

 Magenta (34%)

 Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34A902 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 34A902 by changing the saturation by 10% instead.

 34A902

 34A902

FFFFFF

 008E00

 74E14A

 007300

 92FE66

 005A00

 B0FF82

 004100

 CDFF9E

 002A00

 EBFFBA

 000600

 FFFFD7

 000000

 FFFFF4

 34A902

 34A902

■ 33A900

■ 40A913

■ 4CA924

■ 58A935

■ 63A946

■ 6FA956

■ 7BA967

■ 87A978

■ 93A989

■ 9FA99A

Harmonies

Analogous

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



949A00



34A902



00B164

Triad

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



34A902



00A7FF



FF3376

Complementary

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



34A902



7702A9

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.



FF41C0



34A902



0091FF

Square

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



34A902



00B1F8



BC6DFF



FF5A2E

Rectangle

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



34A902



00B399



BC6DFF



FF308F

Sweetspot

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



34A902



ADD99A



A97702



526E46



EDEDED



6E6E6E

Same Dimension

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



34A902



42DB00



02A923



4E544C



2C9400



061400

Inverse Universe

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



7702A9



9A00DB



A90288



524C54



680094



0E0014

Previews

White Background



This preview shows how the Hex color 34A902 looks on a white background.

Color Contrast Check

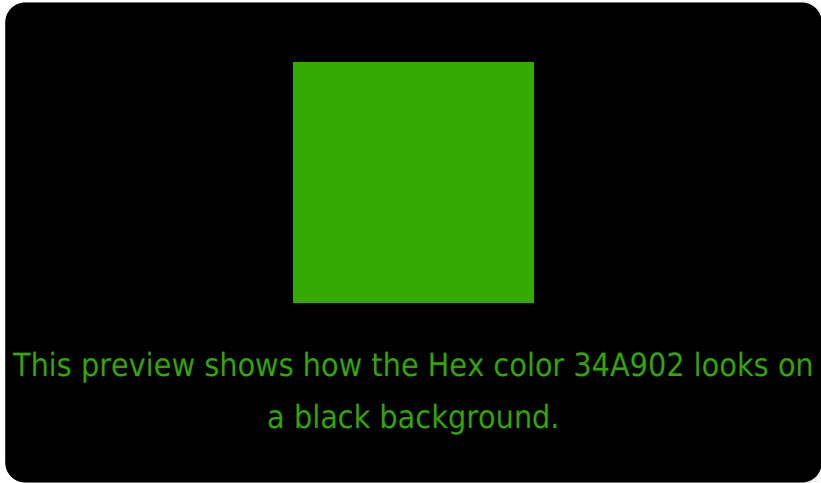
Large Text (above 18pt) WCAG AA ✓ Pass

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

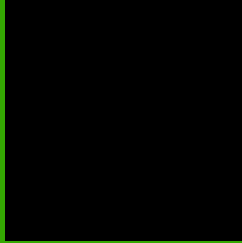
Any Text WCAG AA ✓ Pass

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 34A902 Background



This preview shows how black text looks on a background with the Hex color 34A902.



This preview shows how white text looks on a background with the Hex color 34A902.

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
34A902

Protanopia
A59200

Deuteranopia
B78A24

Trichromacy



Original Color

34A902



Protanomaly

7C9A01



Deuteranomaly

879518



Tritanomaly

49A16D

Monochromacy



Original Color

34A902



Achromatopsia

737373



Achromatomaly

5C874A

CSS Examples

Text

The CSS property to change the color of the text to Hex 34A902 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 #34A902 looks like.

```
.text, #text, p{  
    color:#34A902  
}
```

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 #34A902 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34A902
}
```

Border

The CSS property to change the border of an element to Hex 34A902 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
#34A902 }
```

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

```
.border{ border-color:#34A902 }
```

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

Here you see how a box with a 4 pixel #34A902 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34A902; -webkit-box-shadow:4px 4px  
4px 4px #34A902; box-shadow:4px 4px 4px  
4px #34A902 }
```

Background

The CSS property to change the background color of an element to Hex 34A902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34A902 }
```

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

```
.background{ background-color:#34A902 }
```

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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