

Converting Colors

Hex(34A90A)

Have a look what the booklet for
Hex(34A90A) contains.

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Color

Hex(34A90A)

Conversions

Conversions Part 1

Format	Color
Hex	34A90A
RGB	52, 169, 10
RGB Percent	20%, 66%, 4%
CMY	0.7961, 0.3373, 0.9608
CMYK	0.69, 0.00, 0.94, 0.34
HSL	104°, 89%, 35%
HSV	104°, 94%, 66%
XYZ	15.6589, 29.1279, 5.0841
YIQ	115.8910, -18.6930, -74.2530

Conversions

Conversions Part 2

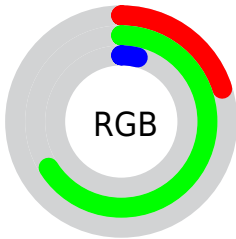
Format	Color
RYB	10, 169, 127
Decimal	3451146
CIELab	60.89, -57.34, 60.56
CIElCh	61, 83.397, 133.437
Yxy	29.1279, 0.3140, 0.5841
Android (android.graphics.Color)	4281641226 (0xFF34A90A)
YUV	115.8910, -52.2043, -56.0324
Hunter-Lab	53.9703, -42.6580, 32.1940

Details

The Hex color **34A90A** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **7F0AA9**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **74E14D**, and **007300** is the 20% darker color. If you saturate the color by 10%, you get **2DA900**, and if you desaturate by 10%, it is **40A91B**.

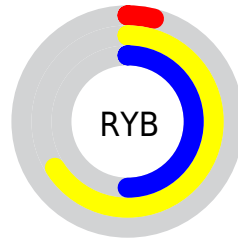
Distribution



 Red (20%)


 Green (66%)

 Blue (4%)




 Red (4%)

 Yellow (66%)

 Blue (50%)

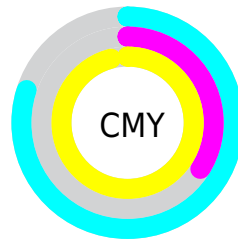


 Cyan (69%)


 Magenta (0%)

 Yellow (94%)

 Black (34%)



 Cyan (80%)

 Magenta (34%)

 Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34A90A 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 34A90A by changing the saturation by 10% instead.

 34A90A

 34A90A

FFFFFF

 008E00

 74E14D

 007300

 92FE69

 005A00

 AFFF84

 004100

 CDFFA0

 002A00

 EBFFBD

 000600

 FFFFD9

 000000

 FFFFF7

 34A90A

 34A90A

■ 2DA900

■ 40A91B

■ 4DA92C

■ 59A93D

■ 66A94E

■ 72A95E

■ 7FA96F

■ 8BA980

■ 97A991

■ A4A9A2

Harmonies

Analogous

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



939A00



34A90A



00B066

Triad

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



34A90A



00A7FF



FF3675

Complementary

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



34A90A



7F0AA9

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.



FF42BF



34A90A



0091FF

Square

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



34A90A



00B1F8



BD6DFF



FF5B2E

Rectangle

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



34A90A



00B39A



BD6DFF



FF338E

Sweetspot

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



34A90A



AEDB9E



A97F0A



526E48



EDEDED



6E6E6E

Same Dimension

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



34A90A



3ADB00



0AA92F



4E544C



279400



051400

Inverse Universe

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



7F0AA9



A100DB



A90A84



524C54



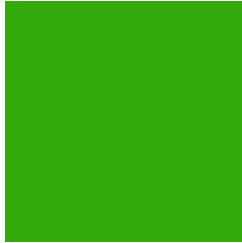
6D0094



0F0014

Previews

White Background



This preview shows how the Hex color 34A90A looks on a white background.

Color Contrast Check

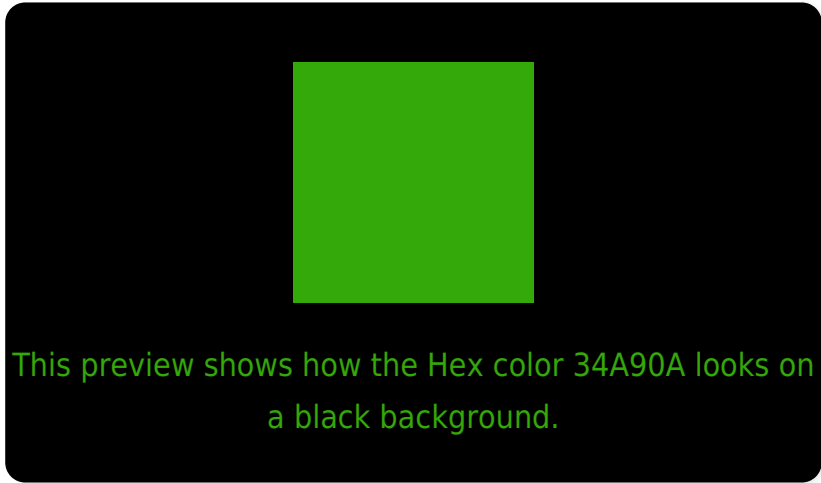
Large Text (above 18pt) WCAG AA ✓ Pass

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

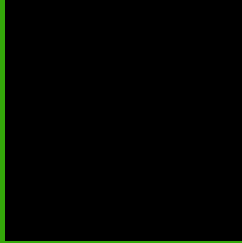
Any Text WCAG AA ✓ Pass

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 34A90A Background



This preview shows how black text looks on a background with the Hex color 34A90A.



This preview shows how white text looks on a background with the Hex color 34A90A.

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
34A90A

Protanopia
A59200

Deuteranopia
B78A25



Tritanopia
559DAA

Trichromacy



Original Color

34A90A



Protanomaly

7C9A04



Deuteranomaly

87951B



Tritanomaly

49A170

Monochromacy



Original Color

34A90A



Achromatopsia

747474



Achromatomaly

5D874D

CSS Examples

Text

The CSS property to change the color of the text to Hex 34A90A 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 #34A90A looks like.

```
.text, #text, p{  
    color:#34A90A  
}
```

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 #34A90A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34A90A
}
```

Border

The CSS property to change the border of an element to Hex 34A90A 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".

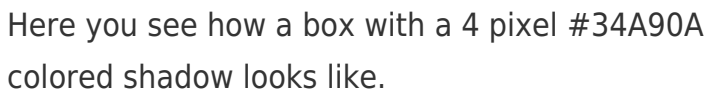
```
.border, #border, table{ border:4px solid
#34A90A }
```

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

```
.border{ border-color:#34A90A }
```

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

Here you see how a box with a 4 pixel #34A90A colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a thick green border on the top, bottom, and left sides, and a thin green border on the right side. The shadow is a solid green rectangle that is slightly offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34A90A; -webkit-box-shadow:4px 4px  
4px 4px #34A90A; box-shadow:4px 4px 4px  
4px #34A90A }
```

Background

The CSS property to change the background color of an element to Hex 34A90A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34A90A }
```

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

```
.background{ background-color:#34A90A }
```

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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