

Converting Colors

Hex(4A9A00)

Have a look what the booklet for
Hex(4A9A00) contains.

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Color

Hex(4A9A00)

Conversions

Conversions Part 1

Format	Color
Hex	4A9A00
RGB	74, 154, 0
RGB Percent	29%, 60%, 0%
CMY	0.7098, 0.3961, 1.0000
CMYK	0.52, 0.00, 1.00, 0.40
HSL	91°, 100%, 30%
HSV	91°, 100%, 60%
XYZ	14.3796, 24.5670, 3.9840
YIQ	112.5240, 1.7540, -64.8540

Conversions

Conversions Part 2

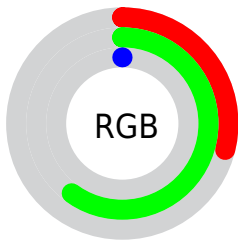
Format	Color
RYB	0, 154, 80
Decimal	4889088
CIELab	56.65, -46.73, 58.86
CIELCh	57, 75.155, 128.444
Yxy	24.5670, 0.3349, 0.5722
Android (android.graphics.Color)	4283079168 (0xFF4A9A00)
YUV	112.5240, -55.4743, -33.7855
Hunter-Lab	49.5652, -34.9533, 29.9299

Details

The Hex color **4A9A00** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **50009A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **83D147**, and **006600** is the 20% darker color. If you saturate the color by 10%, you get **4A9A00**, and if you desaturate by 10%, it is **529A0F**.

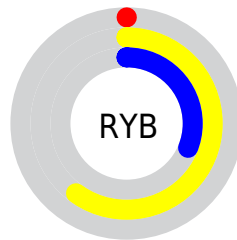
Distribution



Red (29%)

Green (60%)

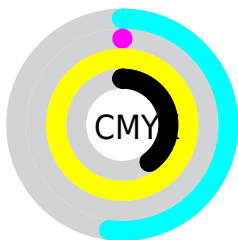
Blue (0%)



Red (0%)

Yellow (60%)

Blue (31%)

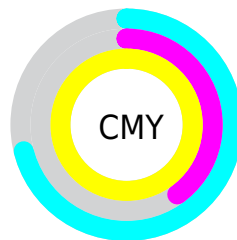


Cyan (52%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (71%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A9A00 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 4A9A00 by changing the saturation by 10% instead.

 4A9A00

 4A9A00

FFFFFF

 2B8000

 83D147

 006600

 A0EE62

 004D00

 BDFF7D

 003500

 DAFF99

 001F00

 F8FFB5

 000000

 FFFFD1

 FFFFEE

 4A9A00

 529A0F

 5A9A1F

 629A2E

 6A9A3E

 729A4D

 7A9A5C

 829A6C

 8A9A7B

 929A8B

Harmonies

Analogous

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



938B00



4A9A00



00A255

Triad

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



4A9A00



009CFF



FA3978

Complementary

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



4A9A00



50009A

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.



E349B9



4A9A00



008AFF

Square

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



4A9A00



00A3D8



9F6DF0



EE5239

Rectangle

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



4A9A00



00A482



9F6DF0



F6398E

Sweetspot

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



4A9A00



AAC98D



9A5000



536641



E6E6E6



666666

Same Dimension

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



4A9A00



61C900



009A03



494D45



438C00



060D00

Inverse Universe

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



50009A



6900C9



9A0097



49454D



49008C



07000D

Previews

White Background



This preview shows how the Hex color 4A9A00 looks on a white background.

Color Contrast Check

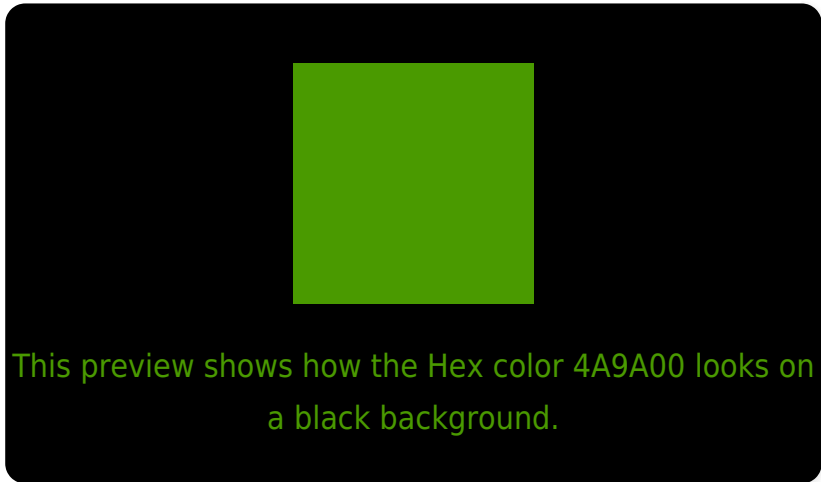
Large Text (above 18pt) WCAG AA ✓ Pass

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 4A9A00 Background



This preview shows how black text looks on a background with the Hex color 4A9A00.



This preview shows how white text looks on a background with the Hex color 4A9A00.

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](#).

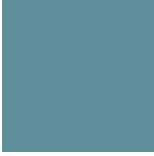
Dichromacy



Original Color
4A9A00

Protanopia
998800

Deuteranopia
AA8020



Tritanopia
5F8F9B

Trichromacy



Original Color
4A9A00

Protanomaly
7C8F00

Deuteranomaly
878914

Tritanomaly
579363

Monochromacy



Original Color
4A9A00

Achromatopsia
717171

Achromatomaly
638048

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A9A00 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 #4A9A00 looks like.

```
.text, #text, p{  
    color:#4A9A00  
}
```

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 #4A9A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A9A00
}
```

Border

The CSS property to change the border of an element to Hex 4A9A00 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
#4A9A00 }
```

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

```
.border{ border-color:#4A9A00 }
```

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

Here you see how a box with a 4 pixel #4A9A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A9A00; -webkit-box-shadow:4px 4px  
4px 4px #4A9A00; box-shadow:4px 4px 4px  
4px #4A9A00 }
```

Background

The CSS property to change the background color of an element to Hex 4A9A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A9A00 }
```

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

```
.background{ background-color:#4A9A00 }
```

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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