

Converting Colors

Hex(49A209)

Have a look what the booklet for
Hex(49A209) contains.

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Color

Hex(49A209)

Conversions

Conversions Part 1

Format	Color
Hex	49A209
RGB	73, 162, 9
RGB Percent	29%, 64%, 4%
CMY	0.7137, 0.3647, 0.9647
CMYK	0.55, 0.00, 0.94, 0.36
HSL	95°, 89%, 34%
HSV	95°, 94%, 64%
XYZ	15.7173, 27.2769, 4.6950
YIQ	117.9470, -3.9310, -66.4510

Conversions

Conversions Part 2

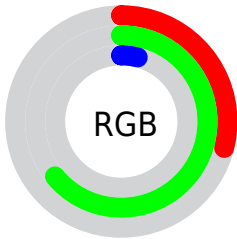
Format	Color
R_{YB}	9, 162, 98
Decimal	4825609
CIE _{Lab}	59.23, -49.82, 59.57
CIE _{LCh}	59, 77.663, 129.908
Yxy	27.2769, 0.3296, 0.5720
Android (android.graphics.Color)	4283015689 (0xFF49A209)
YUV	117.9470, -53.7109, -39.4185
Hunter-Lab	52.2272, -37.6798, 31.2291

Details


The Hex color **49A209** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6209A2**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **83DA4C**, and **006D00** is the 20% darker color. If you saturate the color by 10%, you get **44A200**, and if you desaturate by 10%, it is **52A219**.

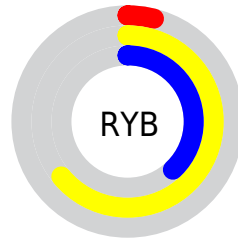
Distribution



 Red (29%)

 Green (64%)

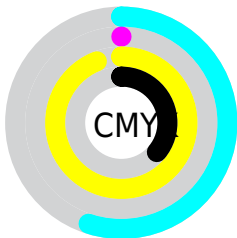
 Blue (4%)




 Red (4%)

 Yellow (64%)

 Blue (38%)

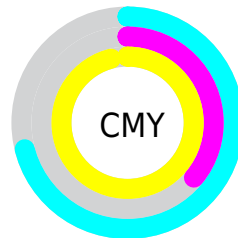



 Cyan (55%)


 Magenta (0%)

 Yellow (94%)

 Black (36%)



 Cyan (71%)

 Magenta (36%)

 Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49A209 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 49A209 by changing the saturation by 10% instead.

 49A209

 49A209

FFFFFF

 288700

 83DA4C

 006D00

 A0F667

 005400

 BDFF82

 003C00

 DBFF9E

 002600

 F8FFBA

 000000

 FFFFD7

 FFFFF4

 49A209

 49A209

■ 44A200

■ 52A219

■ 5CA229

■ 65A23A

■ 6FA24A

■ 78A25A

■ 82A26A

■ 8BA27A

■ 94A28B

■ 9EA29B

Harmonies

Analogous

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



979300



49A209



00AA5D

Triad

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



49A209



00A3FF



FF3D7B

Complementary

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



49A209



6209A2

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.



EF4CBF



49A209



0090FF

Square

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



49A209



00ABE5



AC71F8



F8583A

Rectangle

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



49A209



00AC8C



AC71F8



FF3C92

Sweetspot

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



49A209



B1D498



A26009



566B47



EBEBEB



6B6B6B

Same Dimension

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



49A209



59D400



09A213



4D5249



3D9100



071200

Inverse Universe

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



6209A2



7B00D4



A20998



4E4952



550091



0A0012

Previews

White Background



This preview shows how the Hex color 49A209 looks on a white background.

Color Contrast Check

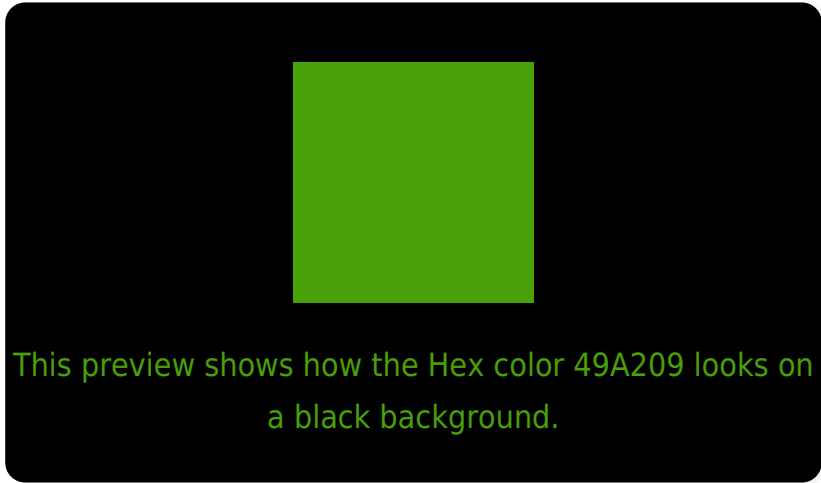
Large Text (above 18pt) WCAG AA ✓ Pass

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 49A209 Background



This preview shows how black text looks on a background with the Hex color 49A209.

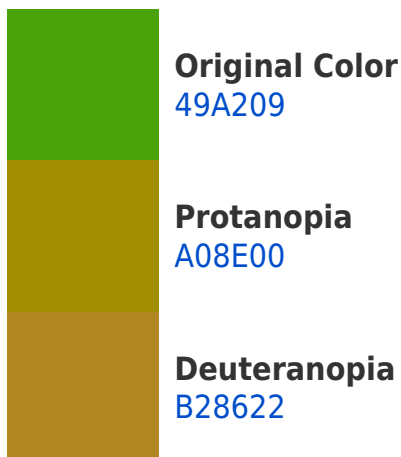


This preview shows how white text looks on a background with the Hex color 49A209.

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
6197A3

Trichromacy



Original Color
49A209



Protanomaly
809503



Deuteranomaly
8C9019



Tritanomaly
589B6B

Monochromacy



Original Color
49A209



Achromatopsia
767676



Achromatomaly
66864E

CSS Examples

Text

The CSS property to change the color of the text to Hex 49A209 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 #49A209 looks like.

```
.text, #text, p{  
    color:#49A209  
}
```

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 #49A209 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49A209
}
```

Border

The CSS property to change the border of an element to Hex 49A209 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
#49A209 }
```

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

```
.border{ border-color:#49A209 }
```

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

Here you see how a box with a 4 pixel #49A209 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49A209; -webkit-box-shadow:4px 4px  
4px 4px #49A209; box-shadow:4px 4px 4px  
4px #49A209 }
```

Background

The CSS property to change the background color of an element to Hex 49A209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49A209 }
```

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

```
.background{ background-color:#49A209 }
```

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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