

Converting Colors

Hex(9CA028)

Have a look what the booklet for
Hex(9CA028) contains.

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Color

Hex(9CA028)

Conversions

Conversions Part 1

Format	Color
Hex	9CA028
RGB	156, 160, 40
RGB Percent	61%, 63%, 16%
CMY	0.3882, 0.3725, 0.8431
CMYK	0.02, 0.00, 0.75, 0.37
HSL	62°, 60%, 39%
HSV	62°, 75%, 63%
XYZ	26.6641, 32.3627, 6.8488
YIQ	145.1240, 36.1360, -38.1680

Conversions

Conversions Part 2

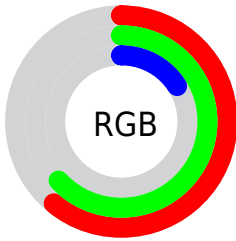
Format	Color
RYB	40, 160, 44
Decimal	10264616
CIELab	63.64, -15.97, 57.77
CIELCh	64, 59.940, 105.450
Yxy	32.3627, 0.4048, 0.4913
Android (android.graphics.Color)	4288454696 (0xFF9CA028)
YUV	145.1240, -51.8261, 9.5383
Hunter-Lab	56.8883, -15.8897, 32.6839

Details

The Hex color **9CA028** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2C28A0**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **D5D75F**, and **656D00** is the 20% darker color. If you saturate the color by 10%, you get **9BA018**, and if you desaturate by 10%, it is **9DA038**.

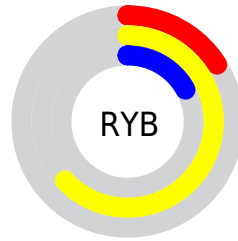
Distribution



Red (61%)

Green (63%)

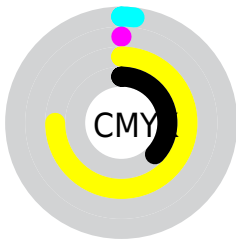
Blue (16%)



Red (16%)

Yellow (63%)

Blue (17%)

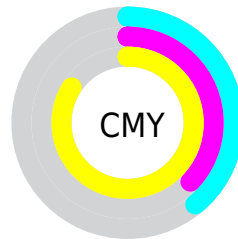


Cyan (2%)

Magenta (0%)

Yellow (75%)

Black (37%)



Cyan (39%)

Magenta (37%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CA028 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 9CA028 by changing the saturation by 10% instead.

 9CA028

 9CA028

FFFFFF

 808601

 D5D75F

 656D00

 F3F37A

 4B5500

 FFFF95

 313E00

 FFFFB1

 172800

 FFFFCD

 001500

 FFFFEA

 000000

 9CA028

 9CA028

 9BA018

 9DA038

 9BA008

 9DA048

 9BA000

 9EA058

 9EA068

 9FA078

 9FA088

 A0A098

 A0A0A8

 A1A0B8

Harmonies

Analogous

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



CC8E2C



9CA028



5EAC4B

Triad

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



9CA028



00B1E5



EE6CB6

Complementary

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



9CA028



2C28A0

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.



C080E6



9CA028



00A7FF

Square

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



9CA028



00B4B5



6997FF



FC6981

Rectangle

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



9CA028



00B16C



6997FF



E272C8

Sweetspot

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



9CA028



CFD1A1



A02C28



68694B



E8E8E8



696969

Same Dimension

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



9CA028



CBD115



60A028



4F4F47



8A8F00



0F0F00

Inverse Universe

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



2C28A0



1B15D1



6828A0



47474F



05008F



01000F

Previews

White Background



This preview shows how the Hex color 9CA028 looks on a white background.

Color Contrast Check

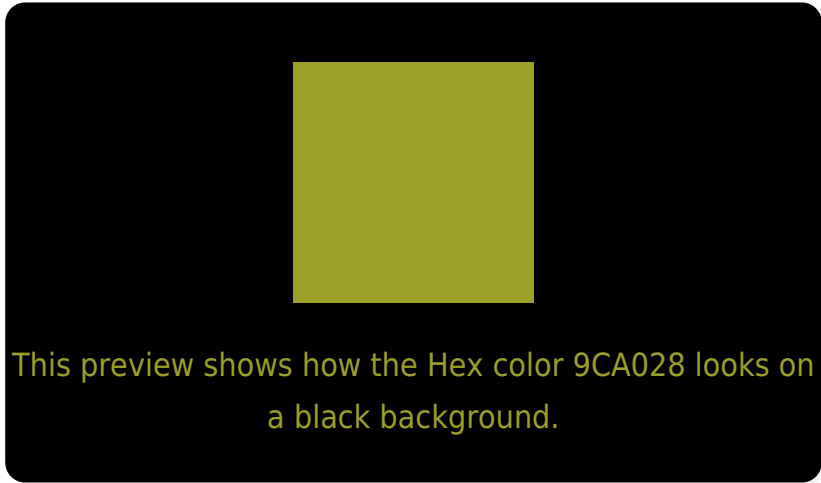
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex 9CA028 Background



This preview shows how black text looks on a background with the Hex color 9CA028.

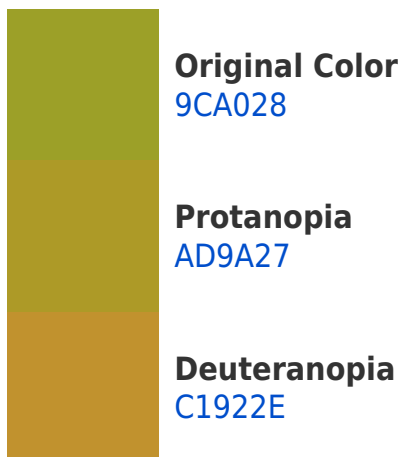


This preview shows how white text looks on a background with the Hex color 9CA028.

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](#).

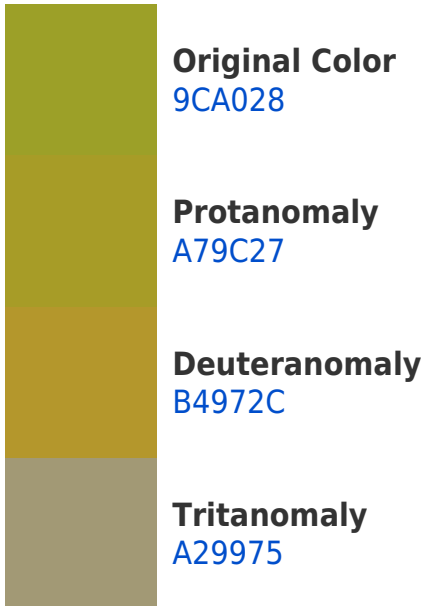
Dichromacy



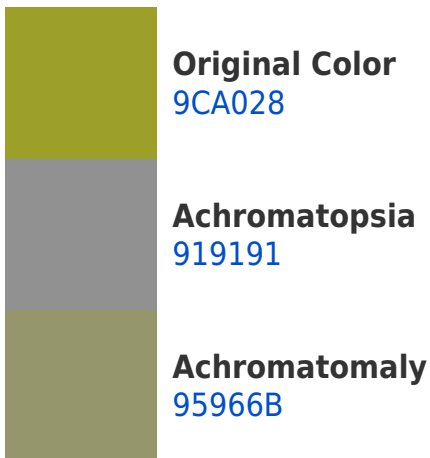


Tritanopia
A695A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CA028 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 #9CA028 looks like.

```
.text, #text, p{  
    color:#9CA028  
}
```

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 #9CA028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CA028
}
```

Border

The CSS property to change the border of an element to Hex 9CA028 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
#9CA028 }
```

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

```
.border{ border-color:#9CA028 }
```

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

Here you see how a box with a 4 pixel #9CA028 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CA028; -webkit-box-shadow:4px 4px  
4px 4px #9CA028; box-shadow:4px 4px 4px  
4px #9CA028 }
```

Background

The CSS property to change the background color of an element to Hex 9CA028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CA028 }
```

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

```
.background{ background-color:#9CA028 }
```

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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