

Converting Colors

Hex(9CC417)

Have a look what the booklet for
Hex(9CC417) contains.

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Color

Hex(9CC417)

Conversions

Conversions Part 1

Format	Color
Hex	9CC417
RGB	156, 196, 23
RGB Percent	61%, 77%, 9%
CMY	0.3882, 0.2314, 0.9098
CMYK	0.20, 0.00, 0.88, 0.23
HSL	74°, 79%, 43%
HSV	74°, 88%, 77%
XYZ	33.6049, 46.6096, 8.0360
YIQ	164.3180, 31.6930, -62.2830

Conversions

Conversions Part 2

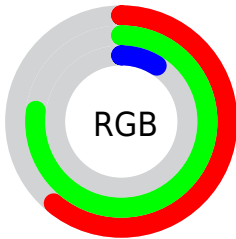
Format	Color
R_YB	23, 196, 63
Decimal	10273815
CIE Lab	73.94, -34.11, 71.18
CIE LCh	74, 78.928, 115.608
Yxy	46.6096, 0.3808, 0.5282
Android (android.graphics.Color)	4288463895 (0xFF9CC417)
YUV	164.3180, -69.6698, -7.2949
Hunter-Lab	68.2713, -31.6124, 40.8110

Details

The Hex color **9CC417** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **3F17C4**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **D6FD59**, and **638E00** is the 20% darker color. If you saturate the color by 10%, you get **97C403**, and if you desaturate by 10%, it is **A1C42B**.

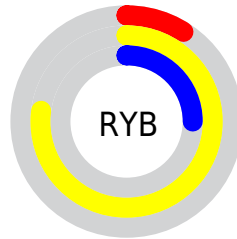
Distribution



Red (61%)

Green (77%)

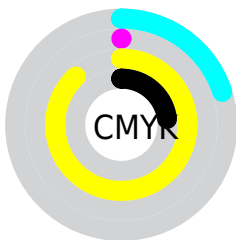
Blue (9%)



Red (9%)

Yellow (77%)

Blue (25%)

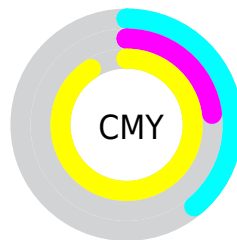


Cyan (20%)

Magenta (0%)

Yellow (88%)

Black (23%)



Cyan (39%)

Magenta (23%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CC417 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 9CC417 by changing the saturation by 10% instead.



9CC417



9CC417

FFFFFF



80A900



D6FD59



638E00



F4FF76



487400



FFFF92



2B5C00



FFFFAF



074400



FFFCC



002D00



FFFEE9



001600



000000



9CC417



9CC417

 97C403

 A1C42B

 97C400

 A5C43E

 AAC452

 AEC465

 B3C479

 B7C48D

 BCC4A0

 C0C4B4

 C5C4C7

Harmonies

Analogous

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



E2AF00



9CC417



25D15E

Triad

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



9CC417



00D1FF



FF6CC4

Complementary

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



9CC417



3F17C4

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.



FF85FF



9CC417



00C2FF

Square

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



9CC417



00D7F3



9FA7FF



FF737C

Rectangle

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



9CC417



00D58F



9FA7FF



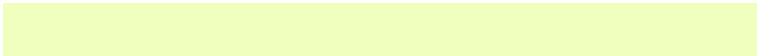
FF72DC

Sweetspot

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



9CC417



F0FFBD



C43C17



768058



000000



808080

Same Dimension

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



9CC417



C4FF00



48C417



5F6157



7CA100



192100

Inverse Universe

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



3F17C4



3B00FF



9317C4



595761



2500A1



080021

Previews

White Background



This preview shows how the Hex color 9CC417 looks on a white background.

Color Contrast Check

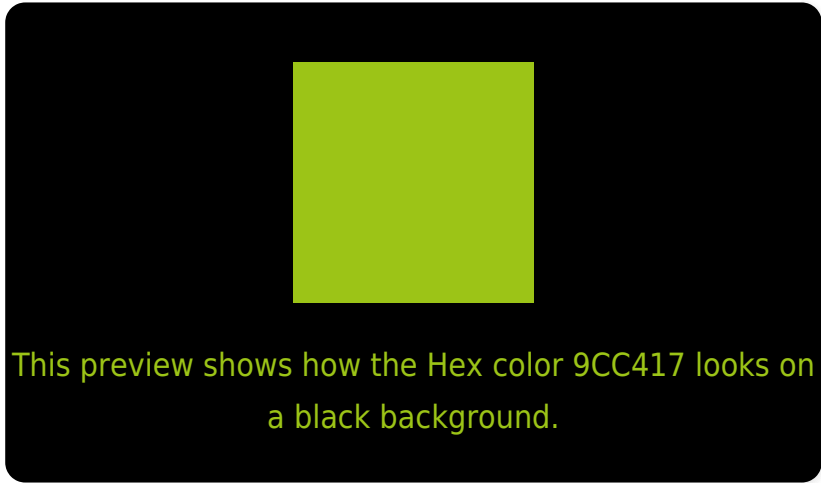
Large Text (above 18pt) WCAG AA × Fail

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 9CC417 Background



This preview shows how black text looks on a background with the Hex color 9CC417.

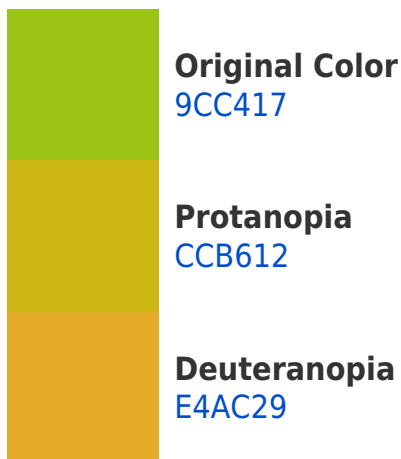


This preview shows how white text looks on a background with the Hex color 9CC417.

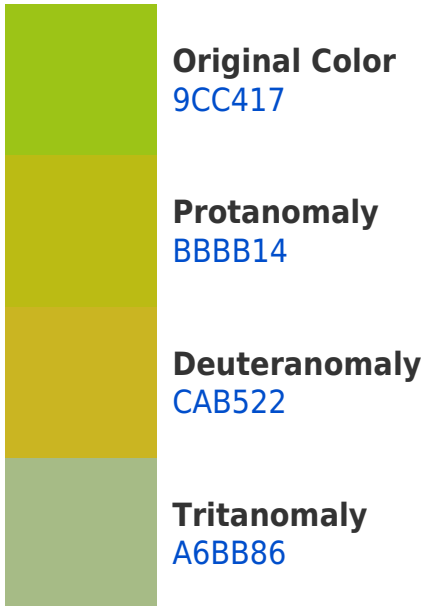
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CC417 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 #9CC417 looks like.

```
.text, #text, p{  
    color:#9CC417  
}
```

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 #9CC417 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CC417
}
```

Border

The CSS property to change the border of an element to Hex 9CC417 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
#9CC417 }
```

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

```
.border{ border-color:#9CC417 }
```

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

Here you see how a box with a 4 pixel #9CC417 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CC417; -webkit-box-shadow:4px 4px  
4px 4px #9CC417; box-shadow:4px 4px 4px  
4px #9CC417 }
```

Background

The CSS property to change the background color of an element to Hex 9CC417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CC417 }
```

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

```
.background{ background-color:#9CC417 }
```

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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