

Converting Colors

Hex(9CC274)

Have a look what the booklet for
Hex(9CC274) contains.

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Color

Hex(9CC274)

Conversions

Conversions Part 1

Format	Color
Hex	9CC274
RGB	156, 194, 116
RGB Percent	61%, 76%, 45%
CMY	0.3882, 0.2392, 0.5451
CMYK	0.20, 0.00, 0.40, 0.24
HSL	89°, 39%, 61%
HSV	89°, 40%, 76%
XYZ	36.1545, 46.9124, 23.6725
YIQ	173.7460, 2.3900, -32.3140

Conversions

Conversions Part 2

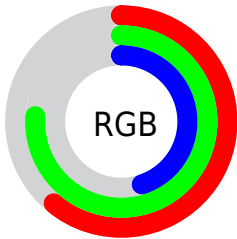
Format	Color
RYB	116, 194, 154
Decimal	10273396
CIELab	74.13, -26.23, 35.14
CIELCh	74, 43.850, 126.735
Yxy	46.9124, 0.3387, 0.4395
Android (android.graphics.Color)	4288463476 (0xFF9CC274)
YUV	173.7460, -28.4688, -15.5632
Hunter-Lab	68.4927, -25.6393, 27.4530

Details

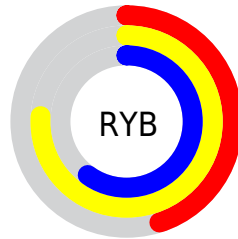
The Hex color **9CC274** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9A74C2**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **D4FBA9**, and **678C42** is the 20% darker color. If you saturate the color by 10%, you get **93C261**, and if you desaturate by 10%, it is **A5C287**.

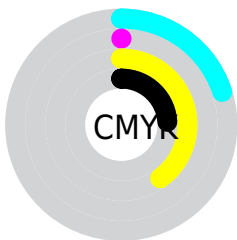
Distribution



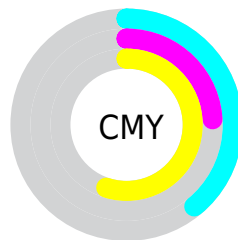
- Red (61%)
- Green (76%)
- Blue (45%)



- Red (45%)
- Yellow (76%)
- Blue (60%)



- Cyan (20%)
- Magenta (0%)
- Yellow (40%)
- Black (24%)



- Cyan (39%)
- Magenta (24%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CC274 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 9CC274 by changing the saturation by 10% instead.

 9CC274

 9CC274

FFFFFF

 81A75B

 D4FBA9

 678C42

 F0FFC5

 4E732A

 FFFFE1

 355A12

FFFFFFE

 1D4200

 022C00

 001700

 000000

 9CC274

 9CC274

 93C261

 A5C287

 89C24D

 AFC29B

 80C23A

 B8C2AE

 76C226

 C2C2C2

 6DC213

 CBC2D5

 63C200

 D5C2E8

 DEC2FC

 E8C2FF

 F1C2FF

Harmonies

Analogous

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



C7B765



9CC274



69C995

Triad

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



9CC274



31C3FF



FF96AF

Complementary

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



9CC274



9A74C2

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.



F09BD7



9CC274



88B7FF

Square

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



9CC274



00CAE5



C6A8F7



FF9C88

Rectangle

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



9CC274



3CCBB0



C6A8F7



FF96BC

Sweetspot

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



9CC274



EEFCDE



C29A74



77806E



000000



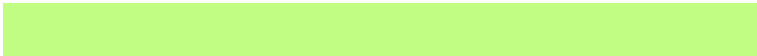
808080

Same Dimension

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



9CC274



C1FC83



75C274



5C6157



52A100



112100

Inverse Universe

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



9A74C2



BE83FC



C174C2



5C5761



4E00A1



100021

Previews

White Background



This preview shows how the Hex color 9CC274 looks on a white background.

Color Contrast Check

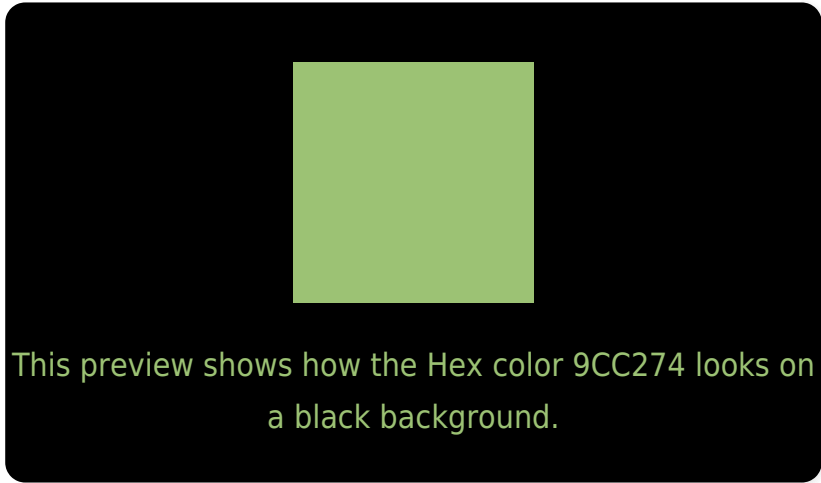
Large Text (above 18pt) WCAG AA × Fail

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

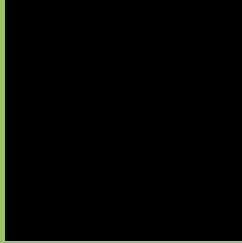
Any Text WCAG AA ✓ Pass

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 9CC274 Background



This preview shows how black text looks on a background with the Hex color 9CC274.

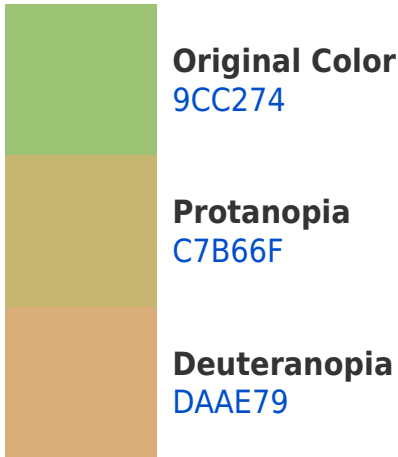


This preview shows how white text looks on a background with the Hex color 9CC274.

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
A8B8C7

Trichromacy



Original Color
9CC274

Protanomaly
B7BA71

Deuteranomaly
C3B577

Tritanomaly
A4BCA9

Monochromacy



Original Color
9CC274

Achromatopsia
AEAEAE

Achromatomaly
A7B599

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CC274 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 #9CC274 looks like.

```
.text, #text, p{  
    color:#9CC274  
}
```

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 #9CC274 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CC274
}
```

Border

The CSS property to change the border of an element to Hex 9CC274 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
#9CC274 }
```

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

```
.border{ border-color:#9CC274 }
```

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

Here you see how a box with a 4 pixel #9CC274 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CC274; -webkit-box-shadow:4px 4px  
4px 4px #9CC274; box-shadow:4px 4px 4px  
4px #9CC274 }
```

Background

The CSS property to change the background color of an element to Hex 9CC274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CC274 }
```

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

```
.background{ background-color:#9CC274 }
```

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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