

Converting Colors

Hex(9CB561)

Have a look what the booklet for
Hex(9CB561) contains.

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Color

Hex(9CB561)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 9CB561 |
| RGB | 156, 181, 97 |
| RGB Percent | 61%, 71%, 38% |
| CMY | 0.3882, 0.2902, 0.6196 |
| CMYK | 0.14, 0.00, 0.46, 0.29 |
| HSL | 78°, 36%, 55% |
| HSV | 78°, 46%, 71% |
| XYZ | 32.3918, 40.9787, 17.5117 |
| YIQ | 163.9490, 12.0640, -31.4240 |

Conversions

Conversions Part 2

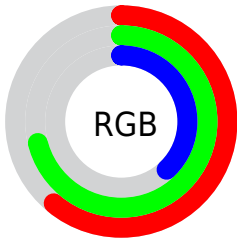
| Format | Color |
|-------------------------------------|---|
| RYB | 97, 181, 122 |
| Decimal | 10270049 |
| CIELab | 70.16, -22.13, 39.79 |
| CIELCh | 70, 45.531, 119.087 |
| Yxy | 40.9787, 0.3564, 0.4509 |
| Android (android.graphics.Color) | 4288460129 (0xFF9CB561) |
| YUV | 163.9490, -33.0059, -6.9713 |
| Hunter-Lab | 64.0146, -21.7034, 28.5910 |

Details

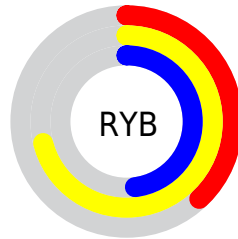
The Hex color **9CB561** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7A61B5**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **D4ED95**, and **67802F** is the 20% darker color. If you saturate the color by 10%, you get **97B54F**, and if you desaturate by 10%, it is **A1B573**.

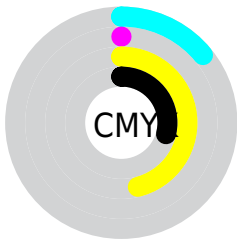
Distribution



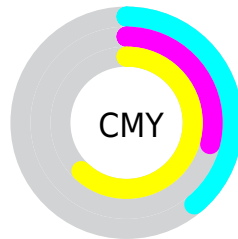
- Red (61%)
- Green (71%)
- Blue (38%)



- Red (38%)
- Yellow (71%)
- Blue (48%)



- Cyan (14%)
- Magenta (0%)
- Yellow (46%)
- Black (29%)



- Cyan (39%)
- Magenta (29%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CB561 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 9CB561 by changing the saturation by 10% instead.



9CB561



9CB561

FFFFFF



819A48



D4ED95



67802F



F1FFB0



4D6716



FFFCC



354F00



FFFEE9



1D3800



002200



000100



000000



9CB561



9CB561

■ 97B54F

■ A1B573

■ 91B53D

■ A7B585

■ 8CB52B

■ ACB597

■ 86B519

■ B2B5A9

■ 81B507

■ B7B5BC

■ 7FB500

■ BCB5CE

■ C2B5E0

■ C7B5F2

■ CCB5FF

Harmonies

Analogous

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



C6A957



9CB561



69BD7F

Triad

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



9CB561



00BBF2



F78AAE

Complementary

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



9CB561



7A61B5

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.



DE92D7



9CB561



65B0FE

Square

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



9CB561



00C0D2



ADA1F4



F98D86

Rectangle

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



9CB561



3BC09A



ADA1F4



F18BBC

Sweetspot

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



9CB561



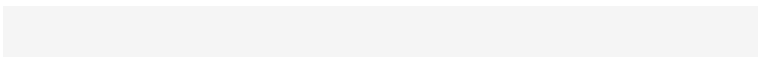
E1EBCA



B57961



6F7561



F5F5F5



757575

Same Dimension

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



9CB561



C4EB67



73B561



575950



6B9900



121A00

Inverse Universe

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



7A61B5



8E67EB



A361B5



535059



2E0099



08001A

Previews

White Background



This preview shows how the Hex color 9CB561 looks on a white background.

Color Contrast Check

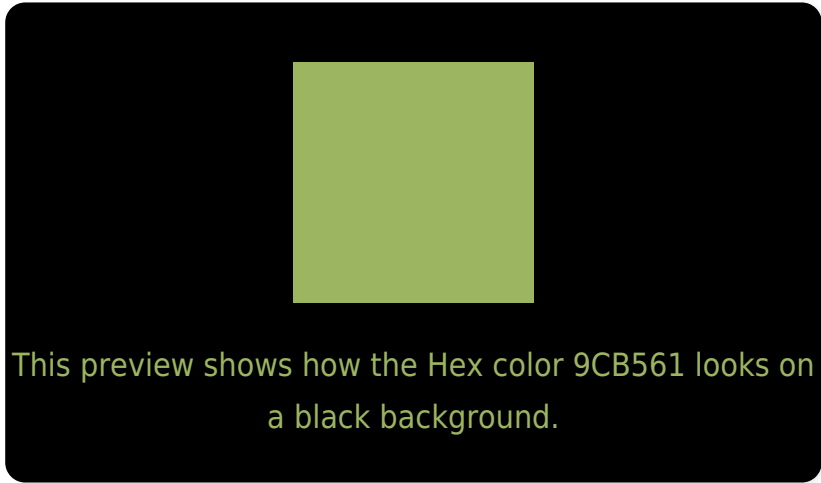
Large Text (above 18pt) WCAG AA × Fail

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 9CB561 Background



This preview shows how black text looks on a background with the Hex color 9CB561.

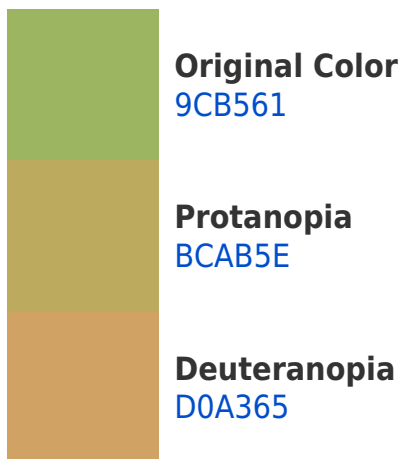


This preview shows how white text looks on a background with the Hex color 9CB561.

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](#).

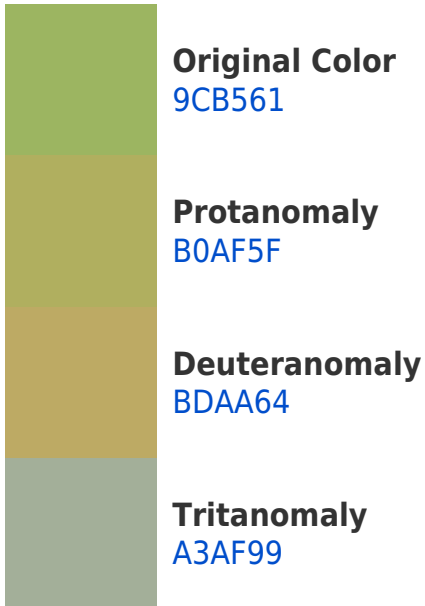
Dichromacy



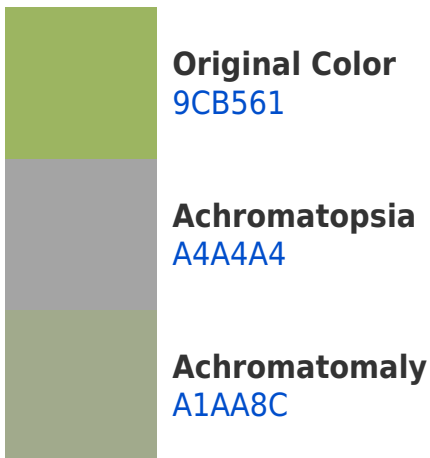


Tritanopia
A7ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CB561 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 #9CB561 looks like.

```
.text, #text, p{  
    color:#9CB561  
}
```

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 #9CB561 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CB561
}
```

Border

The CSS property to change the border of an element to Hex 9CB561 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
#9CB561 }
```

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

```
.border{ border-color:#9CB561 }
```

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

Here you see how a box with a 4 pixel #9CB561 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CB561; -webkit-box-shadow:4px 4px  
4px 4px #9CB561; box-shadow:4px 4px 4px  
4px #9CB561 }
```

Background

The CSS property to change the background color of an element to Hex 9CB561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CB561 }
```

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

```
.background{ background-color:#9CB561 }
```

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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