

Converting Colors

Hex(9C860B)

Have a look what the booklet for
Hex(9C860B) contains.

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Color

Hex(9C860B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9C860B |
| RGB | 156, 134, 11 |
| RGB Percent | 61%, 53%, 4% |
| CMY | 0.3882, 0.4745, 0.9569 |
| CMYK | 0.00, 0.14, 0.93, 0.39 |
| HSL | 51°, 87%, 33% |
| HSV | 51°, 93%, 61% |
| XYZ | 22.2958, 24.1423, 3.8014 |
| YIQ | 126.5560, 52.5950, -33.5890 |

Conversions

Conversions Part 2

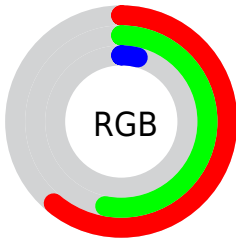
| Format | Color |
|-------------------------------------|---|
| RYB | 37, 156, 11 |
| Decimal | 10257931 |
| CIELab | 56.23, -2.97, 59.17 |
| CIElCh | 56, 59.242, 92.875 |
| Yxy | 24.1423, 0.4438, 0.4805 |
| Android (android.graphics.Color) | 4288448011 (0xFF9C860B) |
| YUV | 126.5560, -56.9691, 25.8224 |
| Hunter-Lab | 49.1348, -4.9883, 29.8073 |

Details

The Hex color **9C860B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **0B219C**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **D6BB49**, and **645500** is the 20% darker color. If you saturate the color by 10%, you get **9C8400**, and if you desaturate by 10%, it is **9C881B**.

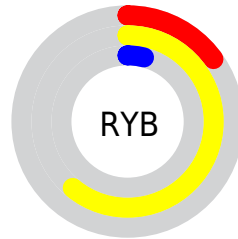
Distribution



Red (61%)

Green (53%)

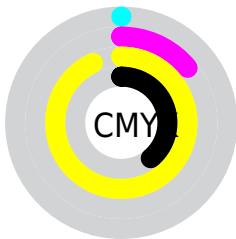
Blue (4%)



Red (15%)

Yellow (61%)

Blue (4%)

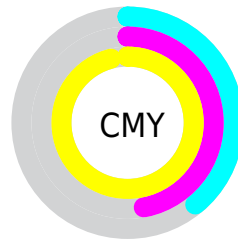


Cyan (0%)

Magenta (14%)

Yellow (93%)

Black (39%)



Cyan (39%)

Magenta (47%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C860B 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 9C860B by changing the saturation by 10% instead.



9C860B



9C860B

FFFFFF



806D00



D6BB49



645500



F4D664



493E00



FFF37F



2F2900



FFFF9A



161500



FFFFB6



000000



FFFFD2



FFFFEF



9C860B



9C860B

■ 9C8400

■ 9C881B

■ 9C8B2A

■ 9C8D3A

■ 9C8F49

■ 9C9259

■ 9C9469

■ 9C9778

■ 9C9988

■ 9C9B97

Harmonies

Analogous

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



C57227



9C860B



679427

Triad

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



9C860B



009EBD



C960B7

Complementary

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



9C860B



0B219C

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.



8D77DE



9C860B



0098E2

Square

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



9C860B



009F8A



008BEE



E25484

Rectangle

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



9C860B



359A45



008BEE



B967C6

Sweetspot

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



9C860B



CCC393



9C0B23



666143



E6E6E6



666666

Same Dimension

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



9C860B



CCAD00



6C9C0B



4F4E47



8F7900



0F0D00

Inverse Universe

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



0B219C



001FCC



3B0B9C



47484F



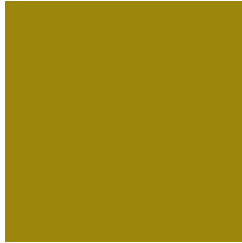
00168F



00020F

Previews

White Background



This preview shows how the Hex color 9C860B looks on a white background.

Color Contrast Check

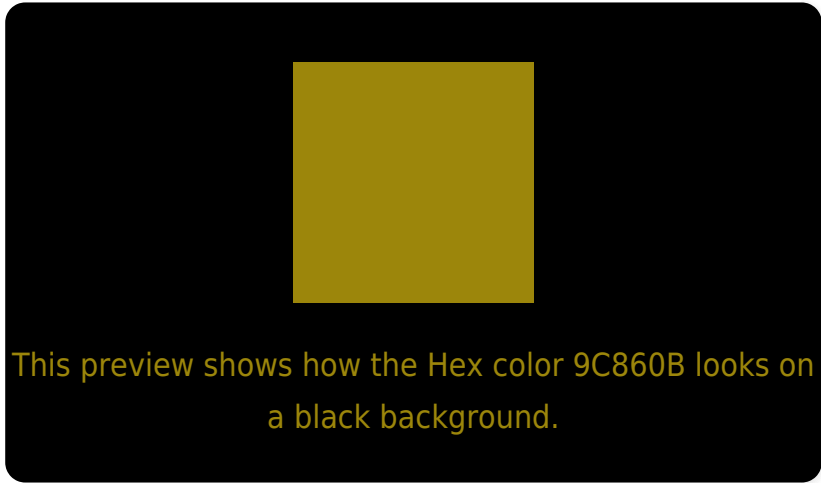
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C860B Background



This preview shows how black text looks on a background with the Hex color 9C860B.

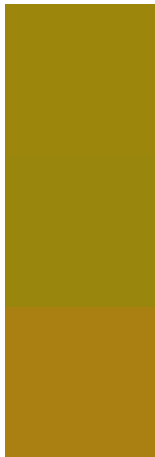


This preview shows how white text looks on a background with the Hex color 9C860B.

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



Original Color
9C860B

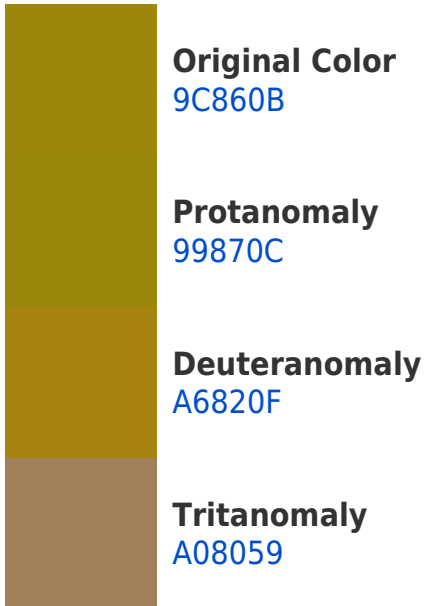
Protanopia
98870C

Deuteranopia
AB8012

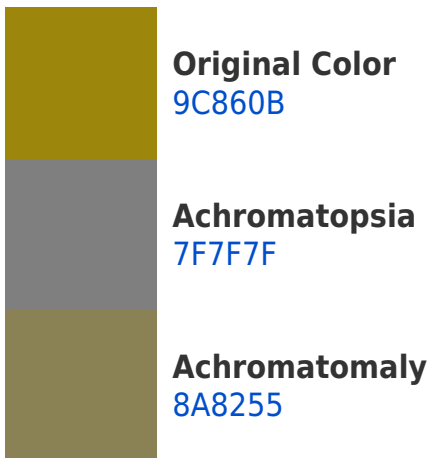


Tritanopia
A37D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9C860B 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 #9C860B looks like.

```
.text, #text, p{  
    color:#9C860B  
}
```

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 #9C860B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C860B
}
```

Border

The CSS property to change the border of an element to Hex 9C860B 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
#9C860B }
```

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

```
.border{ border-color:#9C860B }
```

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

Here you see how a box with a 4 pixel #9C860B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C860B; -webkit-box-shadow:4px 4px  
4px 4px #9C860B; box-shadow:4px 4px 4px  
4px #9C860B }
```

Background

The CSS property to change the background color of an element to Hex 9C860B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C860B }
```

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

```
.background{ background-color:#9C860B }
```

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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