

Converting Colors

Hex(9D8618)

Have a look what the booklet for
Hex(9D8618) contains.

Hex(9D8618)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9D8618)

Conversions

Conversions Part 1

Format	Color
Hex	9D8618
RGB	157, 134, 24
RGB Percent	62%, 53%, 9%
CMY	0.3843, 0.4745, 0.9059
CMYK	0.00, 0.15, 0.85, 0.38
HSL	50°, 73%, 35%
HSV	50°, 85%, 62%
XYZ	22.5946, 24.2842, 4.3606
YIQ	128.3370, 49.0180, -29.3340

Conversions

Conversions Part 2

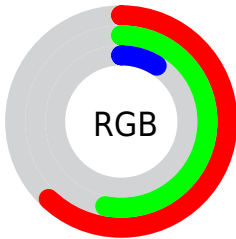
Format	Color
RYB	52, 157, 24
Decimal	10323480
CIELab	56.37, -2.21, 56.35
CIElCh	56, 56.395, 92.245
Yxy	24.2842, 0.4410, 0.4739
Android (android.graphics.Color)	4288513560 (0xFF9D8618)
YUV	128.3370, -51.4381, 25.1375
Hunter-Lab	49.2790, -4.3955, 29.2489

Details

The Hex color **9D8618** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **182F9D**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **D7BB50**, and **665500** is the 20% darker color. If you saturate the color by 10%, you get **9D8308**, and if you desaturate by 10%, it is **9D8928**.

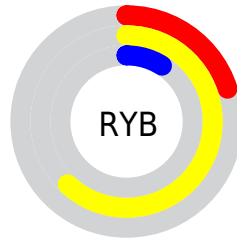
Distribution



Red (62%)

Green (53%)

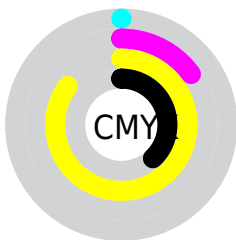
Blue (9%)



Red (20%)

Yellow (62%)

Blue (9%)

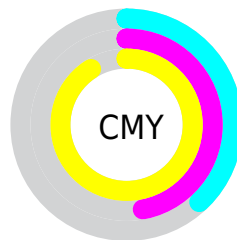


Cyan (0%)

Magenta (15%)

Yellow (85%)

Black (38%)



Cyan (38%)

Magenta (47%)

Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9D8618 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 9D8618 by changing the saturation by 10% instead.

 9D8618

 9D8618

FFFFFF

 816D00

 D7BB50

 665500

 F5D66A

 4B3E00

 FFF385

 312800

 FFFFA0

 181500

 FFFFBC

 000000

 FFFFD9

 FFFFF6

 9D8618

 9D8618

■ 9D8308

■ 9D8928

■ 9D8200

■ 9D8B37

■ 9D8E47

■ 9D9157

■ 9D9467

■ 9D9676

■ 9D9986

■ 9D9C96

■ 9D9EA5

Harmonies

Analogous

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



C4732E



9D8618



6B932D

Triad

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



9D8618



009EBA



C563B6

Complementary

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



9D8618



182F9D

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.



8D79DB



9D8618



0098DE

Square

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



9D8618



009E89



008CE9



DE5886

Rectangle

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



9D8618



3E9948



008CE9



B66AC4

Sweetspot

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



9D8618



CCC399



9D1830



666147



E6E6E6



666666

Same Dimension

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



9D8618



CCA900



739D18



4F4E47



8F7600



0F0D00

Inverse Universe

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



182F9D



0023CC



42189D



47494F



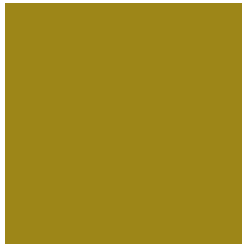
00198F



00030F

Previews

White Background



This preview shows how the Hex color 9D8618 looks on a white background.

Color Contrast Check

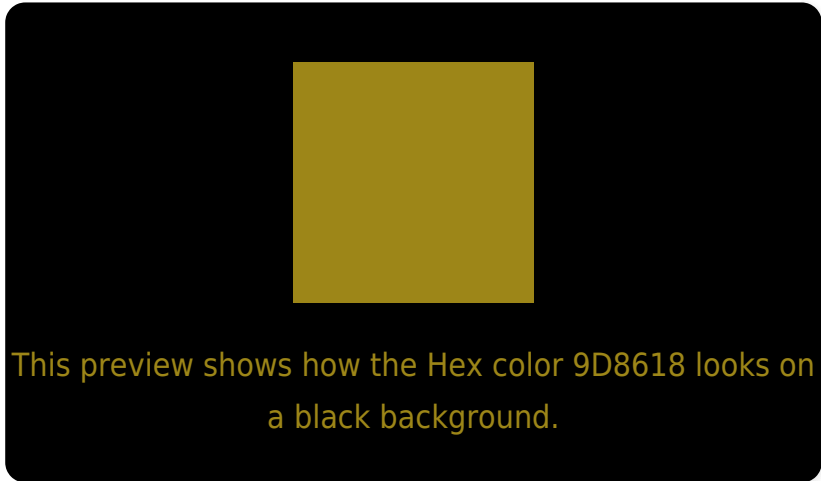
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D8618 Background



This preview shows how black text looks on a background with the Hex color 9D8618.



This preview shows how white text looks on a background with the Hex color 9D8618.

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
9D8618

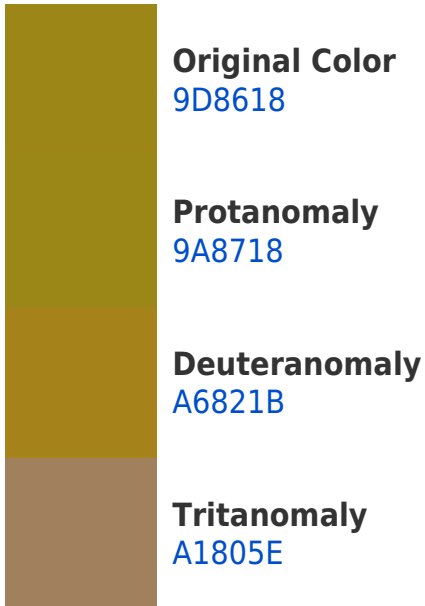
Protanopia
988818

Deuteranopia
AB801C

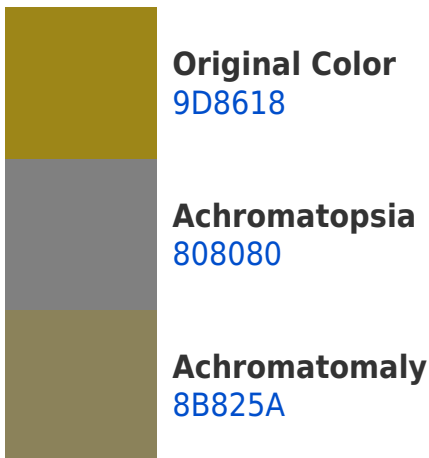


Tritanopia
A47D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9D8618 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 #9D8618 looks like.

```
.text, #text, p{  
    color:#9D8618  
}
```

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 #9D8618 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D8618
}
```

Border

The CSS property to change the border of an element to Hex 9D8618 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
#9D8618 }
```

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

```
.border{ border-color:#9D8618 }
```

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

Here you see how a box with a 4 pixel #9D8618 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D8618; -webkit-box-shadow:4px 4px  
4px 4px #9D8618; box-shadow:4px 4px 4px  
4px #9D8618 }
```

Background

The CSS property to change the background color of an element to Hex 9D8618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D8618 }
```

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

```
.background{ background-color:#9D8618 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor