

Converting Colors

Hex(9F8506)

Have a look what the booklet for
Hex(9F8506) contains.

Hex(9F8506)	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(9F8506)

Conversions

Conversions Part 1

Format	Color
Hex	9F8506
RGB	159, 133, 6
RGB Percent	62%, 52%, 2%
CMY	0.3765, 0.4784, 0.9765
CMYK	0.00, 0.16, 0.96, 0.38
HSL	50°, 93%, 32%
HSV	50°, 96%, 62%
XYZ	22.7185, 24.1591, 3.6381
YIQ	126.2960, 56.2630, -33.9850

Conversions

Conversions Part 2

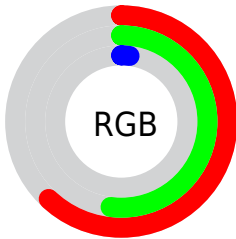
Format	Color
R_YB	37, 159, 6
Decimal	10454278
CIE Lab	56.25, -1.11, 60.15
CIE LCh	56, 60.157, 91.055
Yxy	24.1591, 0.4497, 0.4783
Android (android.graphics.Color)	4288644358 (0xFF9F8506)
YUV	126.2960, -59.3059, 28.6814
Hunter-Lab	49.1519, -3.5116, 30.0179

Details

The Hex color **9F8506** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **06209F**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **D9BA47**, and **675400** is the 20% darker color. If you saturate the color by 10%, you get **9F8400**, and if you desaturate by 10%, it is **9F8816**.

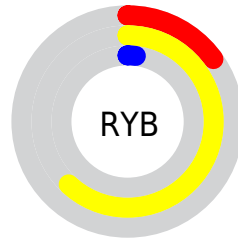
Distribution



Red (62%)

Green (52%)

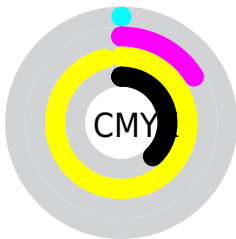
Blue (2%)



Red (15%)

Yellow (62%)

Blue (2%)

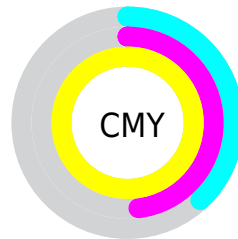


Cyan (0%)

Magenta (16%)

Yellow (96%)

Black (38%)



Cyan (38%)

Magenta (48%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F8506 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 9F8506 by changing the saturation by 10% instead.



9F8506



9F8506

FFFFFF



836C00



D9BA47



675400



F8D562



4C3D00



FFF27D



322800



FFFF98



191400



FFFFB4



000000



FFFFD0



FFFFED



9F8506



9F8506

■ 9F8400

■ 9F8816

■ 9F8A26

■ 9F8D36

■ 9F9046

■ 9F9356

■ 9F9565

■ 9F9875

■ 9F9B85

■ 9F9D95

Harmonies

Analogous

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



C87128



9F8506



6A9322

Triad

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



9F8506



009FBC



C760BA

Complementary

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



9F8506



06209F

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.



8878E1



9F8506



0099E2

Square

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



9F8506



009F87



008CF0



E35387

Rectangle

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



9F8506



399941



008CF0



B668C9

Sweetspot

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



9F8506



CFC493



9F0622



696244



E8E8E8



696969

Same Dimension

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



9F8506



CFAB00



6F9F06



4F4E47



8F7700



0F0D00

Inverse Universe

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



06209F



0023CF



36069F



47484F



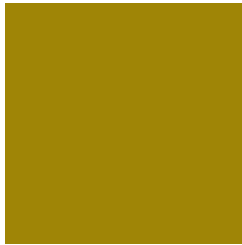
00188F



00030F

Previews

White Background



This preview shows how the Hex color 9F8506 looks on a white background.

Color Contrast Check

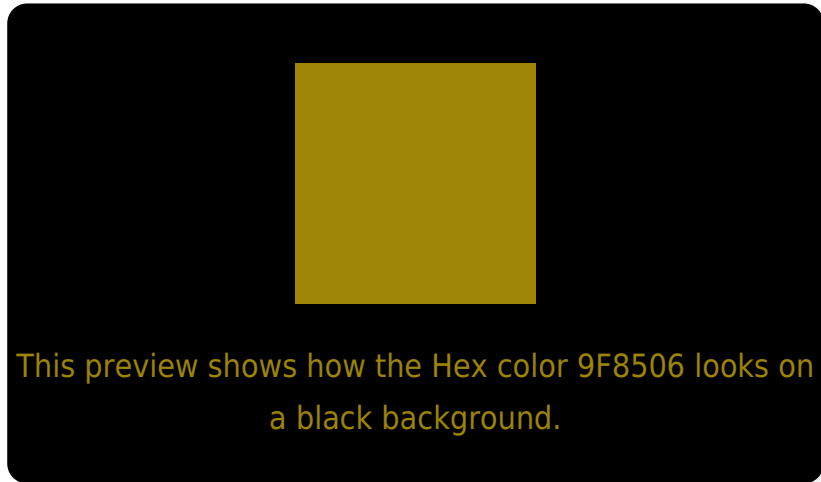
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F8506 Background



This preview shows how black text looks on a background with the Hex color 9F8506.

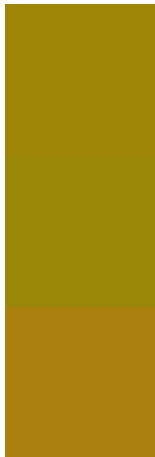


This preview shows how white text looks on a background with the Hex color 9F8506.

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
9F8506

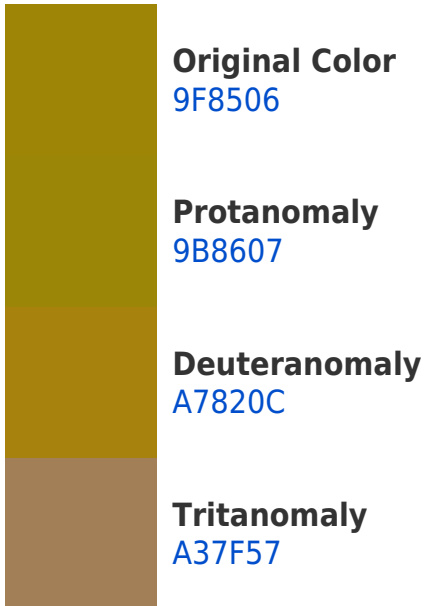
Protanopia
988708

Deuteranopia
AB800F

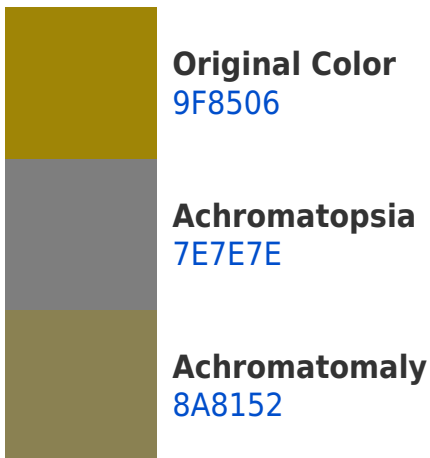


Tritanopia
A67C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9F8506 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 #9F8506 looks like.

```
.text, #text, p{  
    color:#9F8506  
}
```

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 #9F8506 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F8506
}
```

Border

The CSS property to change the border of an element to Hex 9F8506 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
#9F8506 }
```

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

```
.border{ border-color:#9F8506 }
```

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

Here you see how a box with a 4 pixel #9F8506 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F8506; -webkit-box-shadow:4px 4px  
4px 4px #9F8506; box-shadow:4px 4px 4px  
4px #9F8506 }
```

Background

The CSS property to change the background color of an element to Hex 9F8506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F8506 }
```

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

```
.background{ background-color:#9F8506 }
```

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