

Converting Colors

Hex(9F8307)

Have a look what the booklet for
Hex(9F8307) contains.

Hex(9F8307)	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(9F8307)

Conversions

Conversions Part 1

Format	Color
Hex	9F8307
RGB	159, 131, 7
RGB Percent	62%, 51%, 3%
CMY	0.3765, 0.4863, 0.9725
CMYK	0.00, 0.18, 0.96, 0.38
HSL	49°, 92%, 33%
HSV	49°, 96%, 62%
XYZ	22.4527, 23.6189, 3.5765
YIQ	125.2360, 56.4920, -32.6280

Conversions

Conversions Part 2

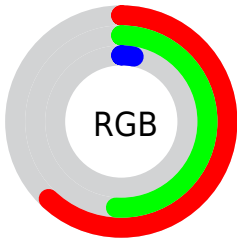
Format	Color
RYB	41, 159, 7
Decimal	10453767
CIELab	55.70, 0.02, 59.58
CIELCh	56, 59.576, 89.984
Yxy	23.6189, 0.4522, 0.4757
Android (android.graphics.Color)	4288643847 (0xFF9F8307)
YUV	125.2360, -58.2903, 29.6110
Hunter-Lab	48.5992, -2.5821, 29.6562

Details

The Hex color **9F8307** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **07239F**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **DAB847**, and **675200** is the 20% darker color. If you saturate the color by 10%, you get **9F8200**, and if you desaturate by 10%, it is **9F8617**.

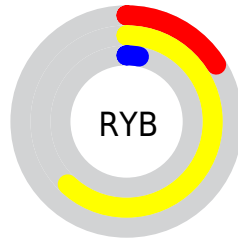
Distribution



Red (62%)

Green (51%)

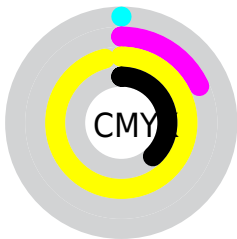
Blue (3%)



Red (16%)

Yellow (62%)

Blue (3%)

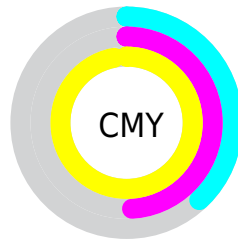


Cyan (0%)

Magenta (18%)

Yellow (96%)

Black (38%)



Cyan (38%)

Magenta (49%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F8307 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 9F8307 by changing the saturation by 10% instead.

 9F8307

 9F8307

FFFFFF

 836A00

 DAB847

 675200

 F8D362

 4C3B00

 FFEF7D

 322600

 FFFF98

 191200

 FFFFB4

 000000

 FFFF00

 FFFF00

 9F8307

 9F8307

■ 9F8200

■ 9F8617

■ 9F8927

■ 9F8C37

■ 9F8F47

■ 9F9257

■ 9F9566

■ 9F9876

■ 9F9A86

■ 9F9D96

Harmonies

Analogous

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



C76F29



9F8307



6B9120

Triad

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



9F8307



009DB8



C360BA

Complementary

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



9F8307



07239F

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.



8478E0



9F8307



0098DF

Square

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



9F8307



009D84



008CED



E05288

Rectangle

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



9F8307



3C983E



008CED



B368C9

Sweetspot

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



9F8307



CFC493



9F0725



696244



E8E8E8



696969

Same Dimension

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



9F8307



CFA900



719F07



4F4E47



8F7400



0F0C00

Inverse Universe

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



07239F



0026CF



35079F



47494F



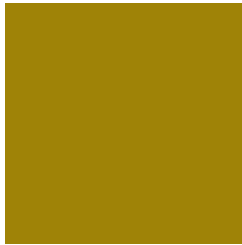
001A8F



00030F

Previews

White Background



This preview shows how the Hex color 9F8307 looks on a white background.

Color Contrast Check

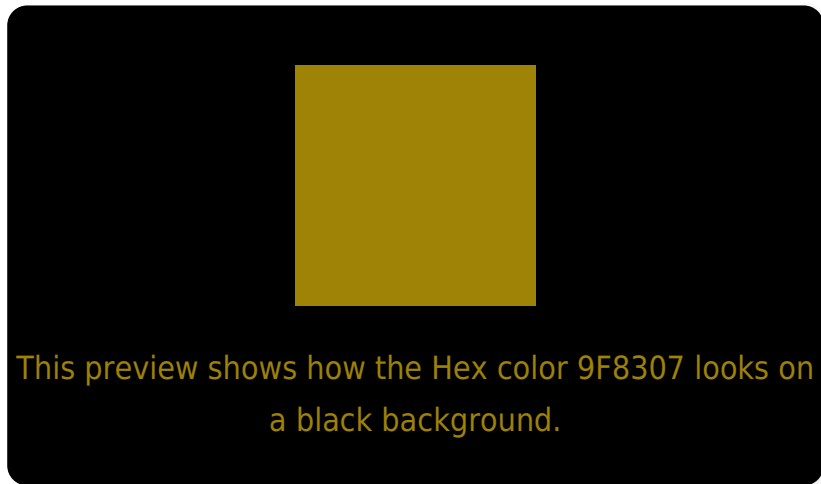
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F8307 Background



This preview shows how black text looks on a background with the Hex color 9F8307.

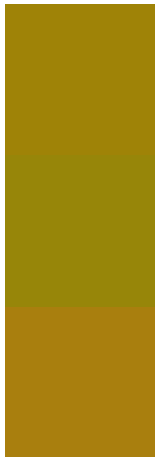


This preview shows how white text looks on a background with the Hex color 9F8307.

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
9F8307

Protanopia
978609

Deuteranopia
A97F0E



Tritanopia
A67A83

Trichromacy



Original Color
9F8307

Protanomaly
9A8508

Deuteranomaly
A5800B

Tritanomaly
A37D56

Monochromacy



Original Color
9F8307

Achromatopsia
7D7D7D

Achromatomaly
897F52

CSS Examples

Text

The CSS property to change the color of the text to Hex 9F8307 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 #9F8307 looks like.

```
.text, #text, p{  
    color:#9F8307  
}
```

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 #9F8307 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F8307
}
```

Border

The CSS property to change the border of an element to Hex 9F8307 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
#9F8307 }
```

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

```
.border{ border-color:#9F8307 }
```

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

Here you see how a box with a 4 pixel #9F8307 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F8307; -webkit-box-shadow:4px 4px  
4px 4px #9F8307; box-shadow:4px 4px 4px  
4px #9F8307 }
```

Background

The CSS property to change the background color of an element to Hex 9F8307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F8307 }
```

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

```
.background{ background-color:#9F8307 }
```

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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