

# Converting Colors

Hex(9F1806)

Have a look what the booklet for  
Hex(9F1806) contains.

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**Color**

**Hex(9F1806)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F1806
RGB	159, 24, 6
RGB Percent	62%, 9%, 2%
CMY	0.3765, 0.9059, 0.9765
CMYK	0.00, 0.85, 0.96, 0.38
HSL	7°, 93%, 32%
HSV	7°, 96%, 62%
XYZ	14.6576, 8.0373, 0.9511
YIQ	62.3130, 86.2380, 23.0220

# Conversions

## Conversions Part 2

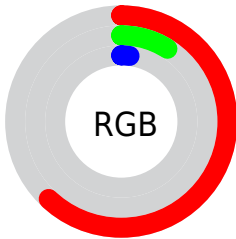
Format	Color
<a href="#">RYB</a>	<a href="#">159, 26, 6</a>
Decimal	<a href="#">10426374</a>
CIELab	<a href="#">34.06, 52.35, 45.12</a>
CIElCh	<a href="#">34, 69.113, 40.758</a>
Yxy	<a href="#">8.0373, 0.6199, 0.3399</a>
Android (android.graphics.Color)	<a href="#">4288616454 (0xFF9F1806)</a>
YUV	<a href="#">62.3130, -27.7623, 84.7945</a>
Hunter-Lab	<a href="#">28.3502, 42.6749, 17.8560</a>

# Details

The Hex color **9F1806** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **068D9F**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **DE5435**, and **620000** is the 20% darker color. If you saturate the color by 10%, you get **9F1300**, and if you desaturate by 10%, it is **9F2616**.

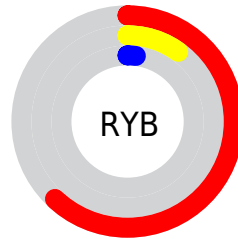
# Distribution



Red (62%)

Green (9%)

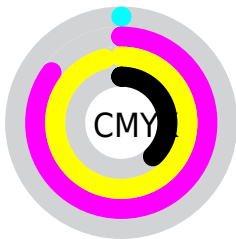
Blue (2%)



Red (62%)

Yellow (10%)

Blue (2%)

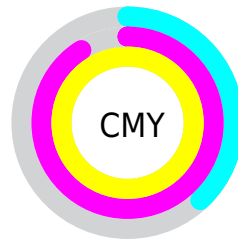


Cyan (0%)

Magenta (85%)

Yellow (96%)

Black (38%)



Cyan (38%)

Magenta (91%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F1806 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 9F1806 by changing the saturation by 10% instead.



 9F1806

 9F1806

 FFFFED

 800000

 DE5435

 620000

 FE6F4D

 450001

 FF8A66

 280001

 FFA680

 000000

 FFC29A

 FFDFB5

 FFFDD1

 9F1806

 9F1806

■ 9F1300

■ 9F2616

■ 9F3426

■ 9F4236

■ 9F5046

■ 9F5E56

■ 9F6C65

■ 9F7A75

■ 9F8885

■ 9F9695

# Harmonies

## Analogous

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



AC003F



9F1806



7F4000

# Triad

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



9F1806



006429



0052BE

# Complementary

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



9F1806



068D9F

# 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.



0060B9



9F1806



006663

# Square

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



9F1806



005F00



006598



6635A5

# Rectangle

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



9F1806



624F00



006598



0058C0



# Sweetspot

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



9F1806



CF9A93



9F068D



694844



E8E8E8



696969



# Same Dimension

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



9F1806



CF1800



9F6406



4F4847



8F1100



0F0200



# Inverse Universe

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



068D9F



00B6CF



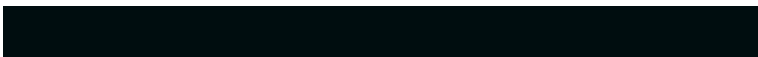
06419F



474E4F



007E8F



000D0F



# Previews

## White Background



This preview shows how the Hex color 9F1806 looks on a white background.

## Color Contrast Check

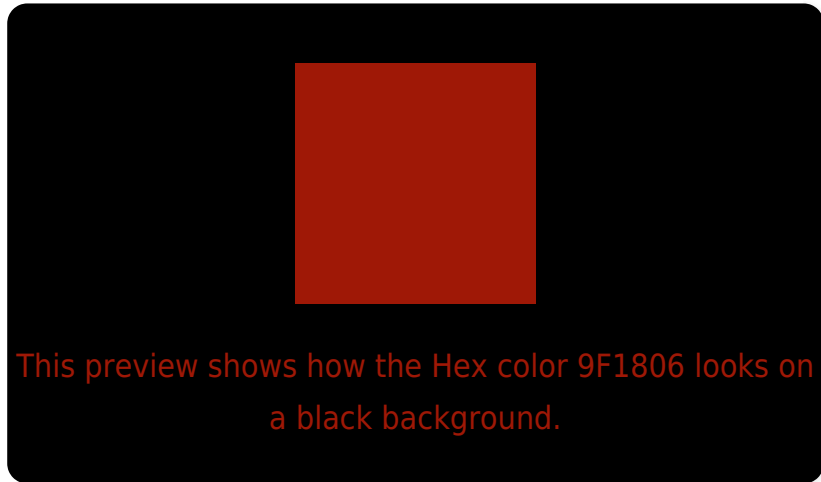
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9F1806 Background



This preview shows how black text looks on a background with the Hex color 9F1806.



This preview shows how white text looks on a background with the Hex color 9F1806.

# 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**  
9F1806

**Protanopia**  
5C5215

**Deuteranopia**  
674E00



**Tritanopia**  
9F1715

# Trichromacy



**Original Color**  
9F1806

**Protanomaly**  
743D10

**Deuteranomaly**  
7B3A02

**Tritanomaly**  
9F1710

# Monochromacy



**Original Color**  
9F1806

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
61302A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F1806 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 #9F1806 looks like.

```
.text, #text, p{  
    color:#9F1806  
}
```

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 #9F1806 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F1806
}
```

## Border

The CSS property to change the border of an element to Hex 9F1806 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".

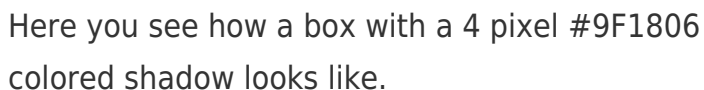
```
.border, #border, table{ border:4px solid
#9F1806 }
```

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

```
.border{ border-color:#9F1806 }
```

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

Here you see how a box with a 4 pixel #9F1806 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F1806; -webkit-box-shadow:4px 4px  
4px 4px #9F1806; box-shadow:4px 4px 4px  
4px #9F1806 }
```

# Background

The CSS property to change the background color of an element to Hex 9F1806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F1806 }
```

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

```
.background{ background-color:#9F1806 }
```

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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