

# Converting Colors

Hex(9F1684)

Have a look what the booklet for  
Hex(9F1684) contains.

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**Color**

**Hex(9F1684)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F1684
RGB	159, 22, 132
RGB Percent	62%, 9%, 52%
CMY	0.3765, 0.9137, 0.4824
CMYK	0.00, 0.86, 0.17, 0.38
HSL	312°, 76%, 35%
HSV	312°, 86%, 62%
XYZ	18.7498, 9.6107, 22.6966
YIQ	75.5030, 46.3420, 63.2540

# Conversions

## Conversions Part 2

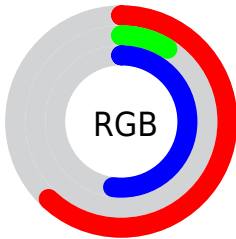
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 22, 132
Decimal	10425988
CIE <sub>Lab</sub>	37.13, 62.04, -26.97
CIE <sub>LCh</sub>	37, 67.648, 336.500
Yxy	9.6107, 0.3672, 0.1882
Android (android.graphics.Color)	4288616068 (0xFF9F1684)
YUV	75.5030, 27.8530, 73.2269
Hunter-Lab	31.0011, 53.7070, -21.7068

# Details

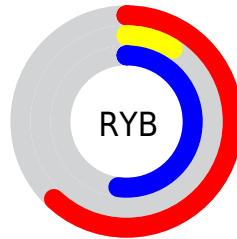
The Hex color **9F1684** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **169F31**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **D957B9**, and **670052** is the 20% darker color. If you saturate the color by 10%, you get **9F0681**, and if you desaturate by 10%, it is **9F2687**.

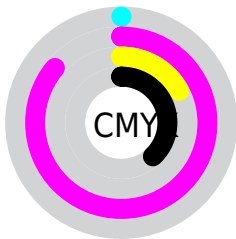
# Distribution



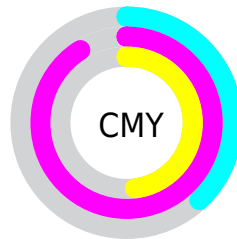
- Red (62%)
- Green (9%)
- Blue (52%)



- Red (62%)
- Yellow (9%)
- Blue (52%)



- Cyan (0%)
- Magenta (86%)
- Yellow (17%)
- Black (38%)



- Cyan (38%)
- Magenta (91%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F1684 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 9F1684 by changing the saturation by 10% instead.



9F1684

9F1684

FFFFFF

83006B

D957B9

670052

F773D5

4C003B

FF8FF2

330025

FFABFF

0C000C

FFC8FF

000000

FFE5FF

9F1684

9F1684

9F0681

9F2687

■ 9F0080

■ 9F368A

■ 9F468D

■ 9F5691

■ 9F6694

■ 9F7597

■ 9F859A

■ 9F959D

■ 9FA5A0

# Harmonies

## Analogous

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



6242B0



9F1684



B3004E

# Triad

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



9F1684



615900



006D98

# Complementary

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



9F1684



169F31

# 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.



006E62



9F1684



206500

# Square

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



9F1684



8D4300



006B28



0069BC

# Rectangle

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



9F1684



B0092B



006B28



006E87



# Sweetspot

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



9F1684



CF99C4



2F169F



694862



E8E8E8



696969



# Same Dimension

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



9F1684



CF00A6



9F1641



4F474D



8F0073



0F000C



# Inverse Universe

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



9F1684



CF00A6



169F74



4F474D



8F0073



0F000C



# Previews

## White Background



This preview shows how the Hex color 9F1684 looks on a white background.

## Color Contrast Check

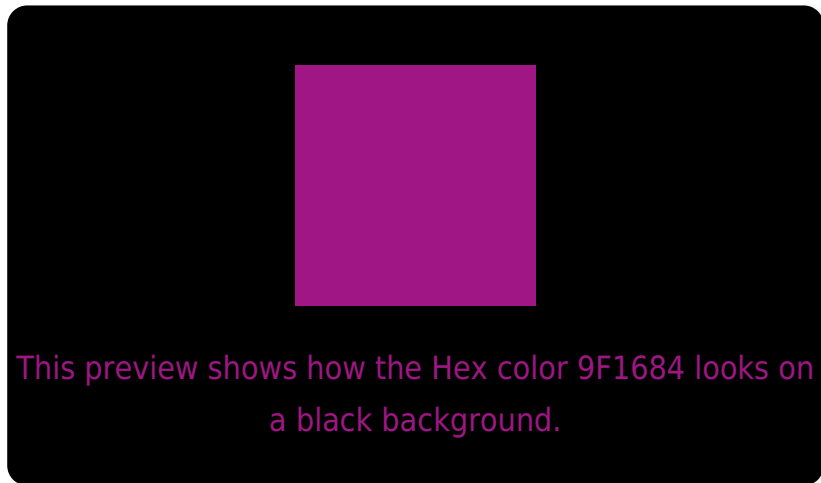
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F1684 Background



This preview shows how black text looks on a background with the Hex color 9F1684.




This preview shows how white text looks on a background with the Hex color 9F1684.

# 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





**Tritanopia**  
99373A

# Trichromacy



**Original Color**  
9F1684



**Protanomaly**  
3E3FA4



**Deuteranomaly**  
6B407F



**Tritanomaly**  
9B2B55

# Monochromacy



**Original Color**  
9F1684



**Achromatopsia**  
4C4C4C



**Achromatomaly**  
6A3860

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F1684 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 #9F1684 looks like.

```
.text, #text, p{  
    color:#9F1684  
}
```

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 #9F1684 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F1684
}
```

## Border

The CSS property to change the border of an element to Hex 9F1684 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
#9F1684 }
```

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

```
.border{ border-color:#9F1684 }
```

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

Here you see how a box with a 4 pixel #9F1684 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F1684; -webkit-box-shadow:4px 4px  
4px 4px #9F1684; box-shadow:4px 4px 4px  
4px #9F1684 }
```

# Background

The CSS property to change the background color of an element to Hex 9F1684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F1684 }
```

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

```
.background{ background-color:#9F1684 }
```

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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