

# Converting Colors

Hex(968F00)

Have a look what the booklet for  
Hex(968F00) contains.

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**Color**

**Hex(968F00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	968F00
RGB	150, 143, 0
RGB Percent	59%, 56%, 0%
CMY	0.4118, 0.4392, 1.0000
CMYK	0.00, 0.05, 1.00, 0.41
HSL	57°, 100%, 29%
HSV	57°, 100%, 59%
XYZ	22.4001, 26.1290, 3.8628
YIQ	128.7910, 50.0750, -42.9890

# Conversions

## Conversions Part 2

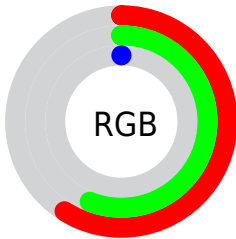
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 150, 0
Decimal	9867008
CIELab	58.16, -10.81, 62.14
CIELCh	58, 63.077, 99.865
Yxy	26.1290, 0.4275, 0.4987
Android (android.graphics.Color)	4288057088 (0xFF968F00)
YUV	128.7910, -63.4940, 18.6003
Hunter-Lab	51.1165, -11.2320, 31.3011

# Details

The Hex color **968F00** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **000796**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **D0C446**, and **5F5D00** is the 20% darker color. If you saturate the color by 10%, you get **968F00**, and if you desaturate by 10%, it is **96900F**.

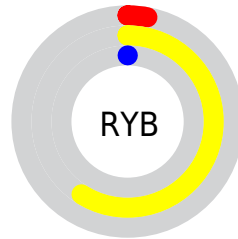
# Distribution



Red (59%)

Green (56%)

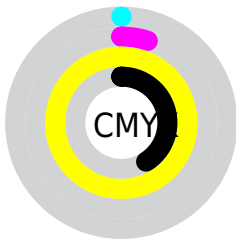
Blue (0%)



Red (3%)

Yellow (59%)

Blue (0%)

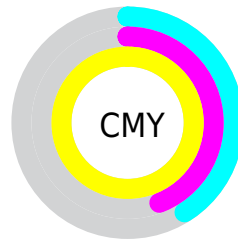


Cyan (0%)

Magenta (5%)

Yellow (100%)

Black (41%)



Cyan (41%)

Magenta (44%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 968F00 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 968F00 by changing the saturation by 10% instead.



 968F00

 968F00

FFFFFF

 7A7600

 D0C446

 5F5D00

 EDE062

 444600

 FFFD7D

 2A3000

 FFFF98

 101B00

 FFFFB4

 000000

 FFFFD1

 FFFFEE

 968F00

 96900F

 96901E

 96912D

 96923C

 96934B

 96935A

 969469

 969578

 969587

# Harmonies

## Analogous

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



C57B1A



968F00



599C2F

# Triad

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



968F00



00A4D1



DB5DB3

# Complementary

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



968F00



000796

# 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.



A575E1



968F00



009CF3

# Square

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



968F00



00A69D



298CF9



EF547C

# Rectangle

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



968F00



00A151



298CF9



CE64C4



# Sweetspot

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



968F00



C2BF88



960007



615F3E



E0E0E0



616161



# Same Dimension

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



968F00



C2B900



539600



4A4A43



8A8300



0A0A00



# Inverse Universe

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



000796



0009C2



440096



43434A



00068A

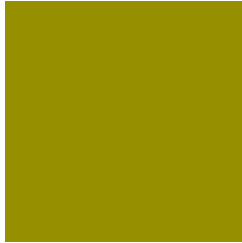


00000A



# Previews

## White Background



This preview shows how the Hex color 968F00 looks on a white background.

## Color Contrast Check

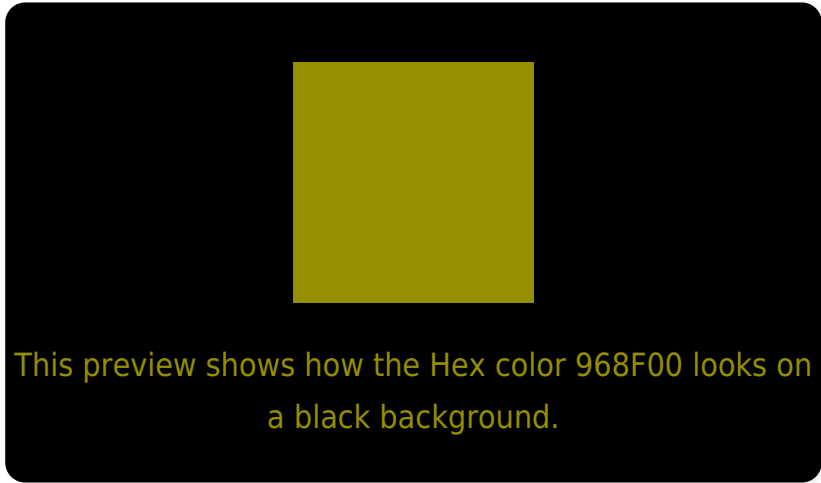
Large Text (above 18pt) WCAG AA ✓ Pass

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 968F00 Background



This preview shows how black text looks on a background with the Hex color 968F00.



This preview shows how white text looks on a background with the Hex color 968F00.

# 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**  
968F00

**Protanopia**  
9E8C00

**Deuteranopia**  
B18514

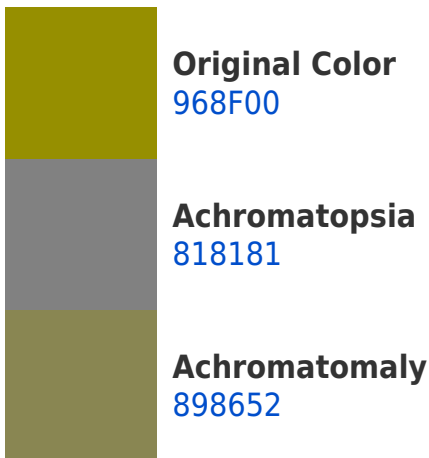


**Tritanopia**  
9F858F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 968F00 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 #968F00 looks like.

```
.text, #text, p{  
    color:#968F00  
}
```

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 #968F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #968F00  
}
```

## Border

The CSS property to change the border of an element to Hex 968F00 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  
#968F00 }
```

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

```
.border{ border-color:#968F00 }
```

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

Here you see how a box with a 4 pixel #968F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #968F00; -webkit-box-shadow:4px 4px  
4px 4px #968F00; box-shadow:4px 4px 4px  
4px #968F00 }
```

# Background

The CSS property to change the background color of an element to Hex 968F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#968F00 }
```

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

```
.background{ background-color:#968F00 }
```

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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