

# Converting Colors

Hex(92F400)

Have a look what the booklet for  
Hex(92F400) contains.

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**Color**

**Hex(92F400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	92F400
RGB	146, 244, 0
RGB Percent	57%, 96%, 0%
CMY	0.4275, 0.0431, 1.0000
CMYK	0.40, 0.00, 1.00, 0.04
HSL	84°, 100%, 48%
HSV	84°, 100%, 96%
XYZ	44.2047, 70.8124, 11.3383
YIQ	186.8820, 19.9160, -96.6600

# Conversions

## Conversions Part 2

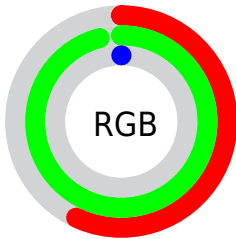
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 244, 98
Decimal	9630720
CIELab	87.39, -58.27, 84.17
CIELCh	87, 102.375, 124.696
Yxy	70.8124, 0.3498, 0.5604
Android (android.graphics.Color)	4287820800 (0xFF92F400)
YUV	186.8820, -92.1328, -35.8535
Hunter-Lab	84.1501, -53.4951, 50.9164

# Details

The Hex color **92F400** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **6200F4**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **CFFF5B**, and **54BB00** is the 20% darker color. If you saturate the color by 10%, you get **92F400**, and if you desaturate by 10%, it is **9CF418**.

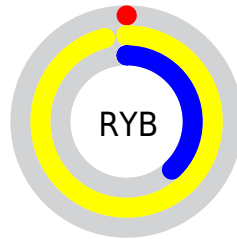
# Distribution



Red (57%)

Green (96%)

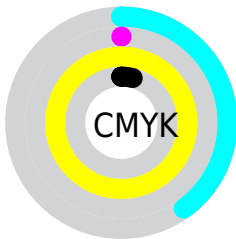
Blue (0%)



Red (0%)

Yellow (96%)

Blue (38%)

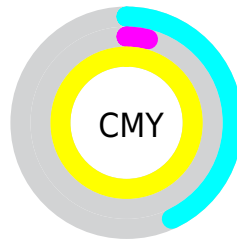


Cyan (40%)

Magenta (0%)

Yellow (100%)

Black (4%)



Cyan (43%)

Magenta (4%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 92F400 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 92F400 by changing the saturation by 10% instead.



 92F400

 92F400

FFFFFF

 73D700

 CFFF5B

 54BB00

 EEFF7A

 309F00

 FFFF98

 008500

 FFFFB5

 006A00

 FFFFD3

 005100

 FFFFF1

 003900

 002100

 000000

 92F400

 9CF418

 A6F431

 AFF449

 B9F462

 C3F47A

 CDF492

 D7F4AB

 E0F4C3

 EAF4DC

# Harmonies

## Analogous

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



F8DC00



92F400



00FF82

# Triad

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



92F400



00FBFF



FF6BD0

# Complementary

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



92F400



6200F4

# 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.



FF87FF



92F400



00E2FF

# Square

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



92F400



00FFFF



ECB9FF



FF8772

# Rectangle

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



92F400



00FFC6



ECB9FF



FF6EF1

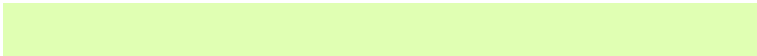


# Sweetspot

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



92F400



E0FFB3



F46200



6D8052



000000



808080



# Same Dimension

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



92F400



99FF00



18F400



757A6E



6FBA00



233B00



# Inverse Universe

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



6200F4



6600FF



DC00F4



736E7A



4B00BA

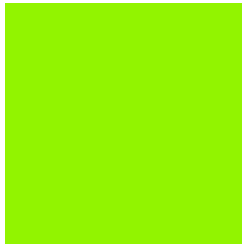


18003B



# Previews

## White Background



This preview shows how the Hex color 92F400 looks on a white background.

## Color Contrast Check

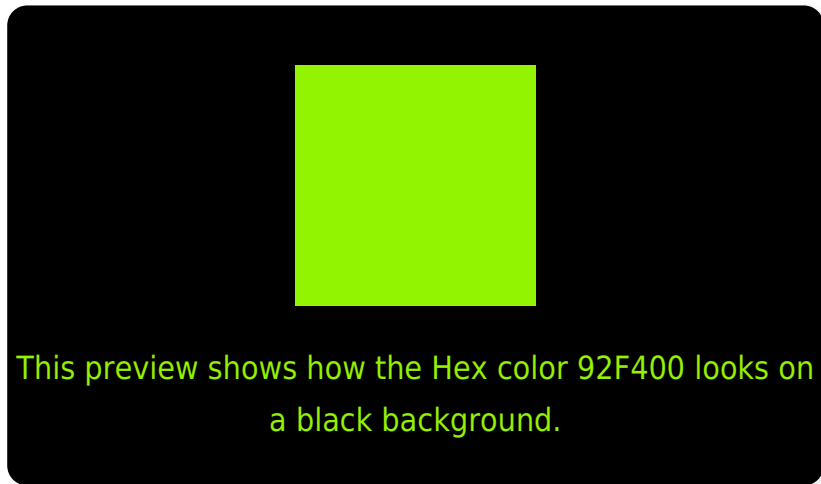
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 ✓ Pass

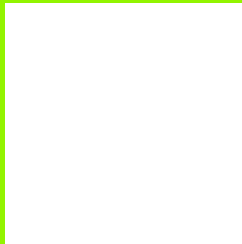
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 92F400 Background



This preview shows how black text looks on a background with the Hex color 92F400.



This preview shows how white text looks on a background with the Hex color 92F400.

# 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**  
92F400

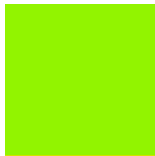
**Protanopia**  
F6DA00

**Deuteranopia**  
FFD38E



**Tritanopia**  
ADE3F5

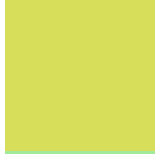
# Trichromacy



**Original Color**  
92F400



**Protanomaly**  
D2E300



**Deuteranomaly**  
D7DF5A

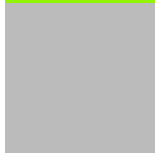


**Tritanomaly**  
A3E99C

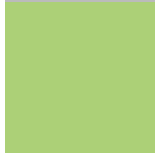
# Monochromacy



**Original Color**  
92F400



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
ACD077

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 92F400 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 #92F400 looks like.

```
.text, #text, p{  
    color:#92F400  
}
```

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 #92F400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #92F400
}
```

## Border

The CSS property to change the border of an element to Hex 92F400 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
#92F400 }
```

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

```
.border{ border-color:#92F400 }
```

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

Here you see how a box with a 4 pixel #92F400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #92F400; -webkit-box-shadow:4px 4px  
4px 4px #92F400; box-shadow:4px 4px 4px  
4px #92F400 }
```

# Background

The CSS property to change the background color of an element to Hex 92F400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#92F400 }
```

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

```
.background{ background-color:#92F400 }
```

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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