

# Converting Colors

Hex(93F702)

Have a look what the booklet for  
Hex(93F702) contains.

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**Color**

**Hex(93F702)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93F702
RGB	147, 247, 2
RGB Percent	58%, 97%, 1%
CMY	0.4235, 0.0314, 0.9922
CMYK	0.40, 0.00, 0.99, 0.03
HSL	84°, 98%, 49%
HSV	84°, 99%, 97%
XYZ	45.3043, 72.7290, 11.7077
YIQ	189.1700, 19.0450, -97.3950

# Conversions

## Conversions Part 2

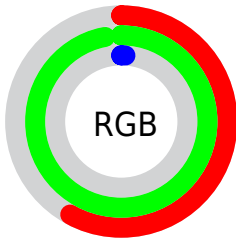
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	2, 247, 102
Decimal	9697026
CIE <sub>Lab</sub>	88.32, -59.07, 84.75
CIE <sub>LCh</sub>	88, 103.310, 124.876
Yxy	72.7290, 0.3492, 0.5606
Android (android.graphics.Color)	4287887106 (0xFF93F702)
YUV	189.1700, -92.2748, -36.9831
Hunter-Lab	85.2813, -54.4169, 51.5573

# Details

The Hex color **93F702** 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 **6602F7**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **D0FF5C**, and **54BE00** is the 20% darker color. If you saturate the color by 10%, you get **92F700**, and if you desaturate by 10%, it is **9DF71B**.

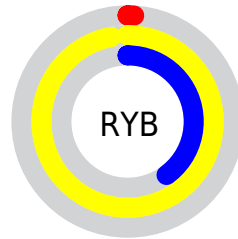
# Distribution



Red (58%)

Green (97%)

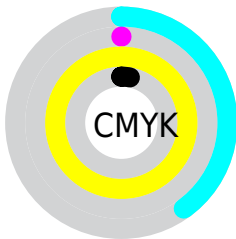
Blue (1%)



Red (1%)

Yellow (97%)

Blue (40%)

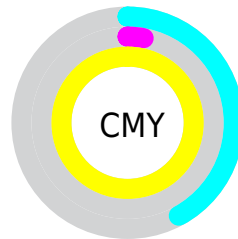


Cyan (40%)

Magenta (0%)

Yellow (99%)

Black (3%)



Cyan (42%)

Magenta (3%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93F702 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 93F702 by changing the saturation by 10% instead.



 93F702

 93F702

FFFFFF

 74DA00

 D0FF5C

 54BE00

 EFFF7B

 30A200


 FFFF99

 008700

 FFFFB7

 006D00

 FFFFD5

 005400

 FFFFF3

 003B00

 002400

 000000

 93F702

 93F702

 92F700

 9DF71B

 A7F733

 B1F74C

 BBF765

 C5F77E

 CFF796

 DAF7AF

 E4F7C8

 EE7E0

# Harmonies

## Analogous

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



F8D000



93F702



00FF84

# Triad

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



93F702



00FEFF



FF6CD2

# Complementary

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



93F702



6602F7

# 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.



FF88FF



93F702



00E5FF

# Square

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



93F702



00FFFF



F0BBFF



FF8972

# Rectangle

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



93F702



00FFC9



F0BBFF



FF6FF3

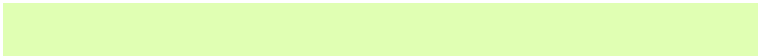


# Sweetspot

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



93F702



E0FFB3



F76402



6D8052



000000



808080



# Same Dimension

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



93F702



97FF00



1BF702



757A6E



6EBA00



233B00



# Inverse Universe

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



6602F7



6800FF



DF02F7



736E7A



4C00BA

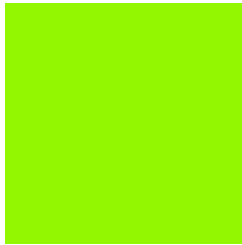


18003B



# Previews

## White Background



This preview shows how the Hex color 93F702 looks on a white background.

## Color Contrast Check

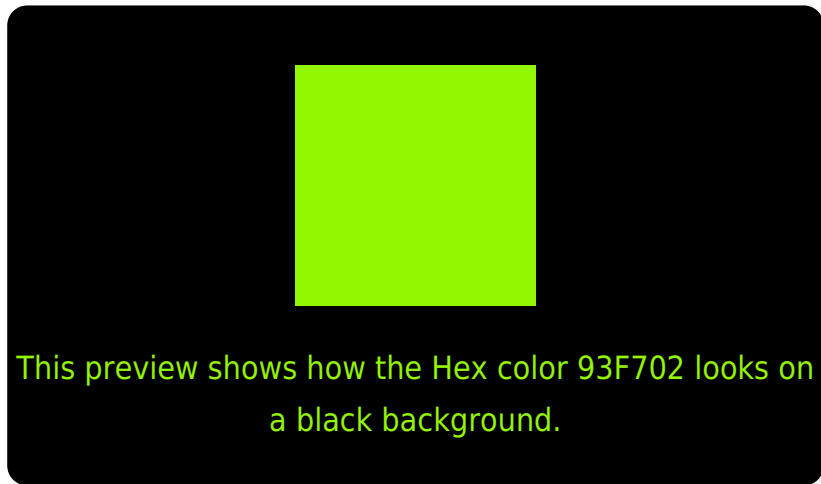
Large Text (above 18pt) WCAG AA × Fail

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

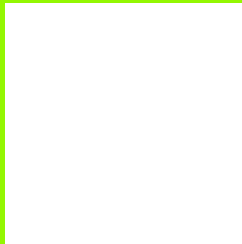
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 93F702 Background



This preview shows how black text looks on a background with the Hex color 93F702.



This preview shows how white text looks on a background with the Hex color 93F702.

# 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**  
93F702

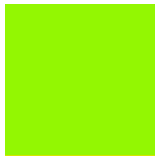
**Protanopia**  
F9DD00

**Deuteranopia**  
FFD699



**Tritanopia**  
AFE6F8

# Trichromacy



**Original Color**  
93F702



**Protanomaly**  
D4E601



**Deuteranomaly**  
D8E262

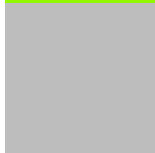


**Tritanomaly**  
A5EC9F

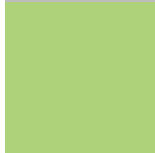
# Monochromacy



**Original Color**  
93F702



**Achromatopsia**  
BDBDBD



**Achromatomaly**  
AED279

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93F702 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 #93F702 looks like.

```
.text, #text, p{  
    color:#93F702  
}
```

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 #93F702 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93F702
}
```

## Border

The CSS property to change the border of an element to Hex 93F702 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
#93F702 }
```

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

```
.border{ border-color:#93F702 }
```

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

Here you see how a box with a 4 pixel #93F702 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93F702; -webkit-box-shadow:4px 4px  
4px 4px #93F702; box-shadow:4px 4px 4px  
4px #93F702 }
```

# Background

The CSS property to change the background color of an element to Hex 93F702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93F702 }
```

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

```
.background{ background-color:#93F702 }
```

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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