

# Converting Colors

Hex(91FA08)

Have a look what the booklet for  
Hex(91FA08) contains.

<b>Hex(91FA08)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(91FA08)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91FA08
RGB	145, 250, 8
RGB Percent	57%, 98%, 3%
CMY	0.4314, 0.0196, 0.9686
CMYK	0.42, 0.00, 0.97, 0.02
HSL	86°, 96%, 51%
HSV	86°, 97%, 98%
XYZ	45.9065, 74.4085, 12.1725
YIQ	191.0170, 15.1020, -97.5220

# Conversions

## Conversions Part 2

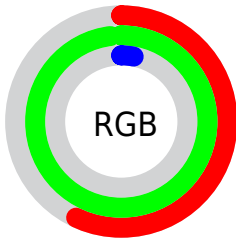
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 250, 113
Decimal	9566728
CIELab	89.12, -60.79, 84.89
CIELCh	89, 104.406, 125.606
Yxy	74.4085, 0.3465, 0.5616
Android (android.graphics.Color)	4287756808 (0xFF91FA08)
YUV	191.0170, -90.2274, -40.3569
Hunter-Lab	86.2604, -55.9605, 52.0156

# Details

The Hex color **91FA08** 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 **7108FA**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **CEFF5E**, and **51C100** is the 20% darker color. If you saturate the color by 10%, you get **8EFA00**, and if you desaturate by 10%, it is **9CFA21**.

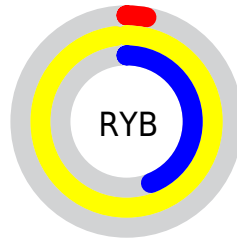
# Distribution



Red (57%)

Green (98%)

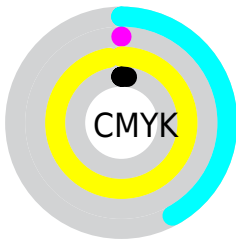
Blue (3%)



Red (3%)

Yellow (98%)

Blue (44%)

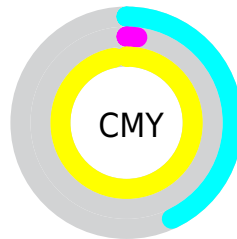


Cyan (42%)

Magenta (0%)

Yellow (97%)

Black (2%)



Cyan (43%)

Magenta (2%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91FA08 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 91FA08 by changing the saturation by 10% instead.



 91FA08

 91FA08

FFFFFF

 72DD00

 CEFF5E

 51C100

 EDFF7D

 2CA500

 FFFF9B

 008A00

 FFFFB9

 007000

 FFFFD6

 005600

 FFFFF5

 003D00

 002600

 000000

 91FA08

 91FA08

 8EFA00

 9CFA21

 A7FA3A

 B2FA53

 BCFA6C

 C7FA85

 D2FA9E

 DDFAB7

 E8FAD0

 F3FAE9

# Harmonies

## Analogous

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



FBE200



91FA08



00FF88

# Triad

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



91FA08



00FFFF



FF6CD2

# Complementary

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



91FA08



7108FA

# 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



91FA08



00E6FF

# Square

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



91FA08



00FFFF



F6BCFF



FF8B71

# Rectangle

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



91FA08



00FFCE



F6BCFF



FF6FF3

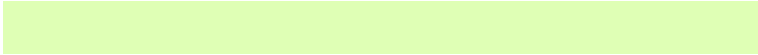


# Sweetspot

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



91FA08



DFFFB5



FA7108



6C8053



000000



808080



# Same Dimension

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



91FA08



90FF00



18FA08



787D70



6BBD00



233D00



# Inverse Universe

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



7108FA



6F00FF



EA08FA



76707D



5200BD

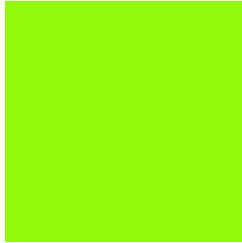


1B003D



# Previews

## White Background



This preview shows how the Hex color 91FA08 looks on a white background.

## Color Contrast Check

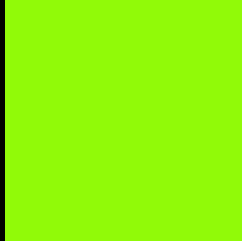
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 91FA08 looks on a 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

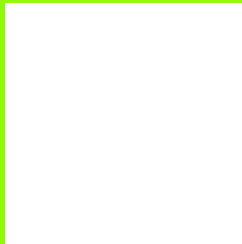
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 91FA08 Background



This preview shows how black text looks on a background with the Hex color 91FA08.



This preview shows how white text looks on a background with the Hex color 91FA08.

# 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](#).

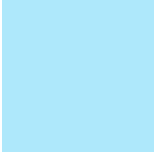
## Dichromacy



**Original Color**  
91FA08

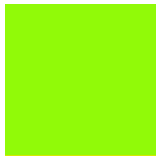
**Protanopia**  
FBDF00

**Deuteranopia**  
FFD8A1



**Tritanopia**  
AEE8FB

# Trichromacy



**Original Color**  
91FA08



**Protanomaly**  
D4E903



**Deuteranomaly**  
D7E469

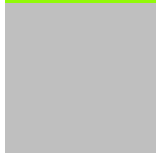


**Tritanomaly**  
A3EFA3

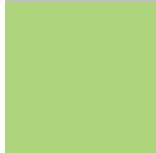
# Monochromacy



**Original Color**  
91FA08



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
AED47C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91FA08 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 #91FA08 looks like.

```
.text, #text, p{  
    color:#91FA08  
}
```

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 #91FA08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91FA08
}
```

## Border

The CSS property to change the border of an element to Hex 91FA08 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
#91FA08 }
```

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

```
.border{ border-color:#91FA08 }
```

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

Here you see how a box with a 4 pixel #91FA08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91FA08; -webkit-box-shadow:4px 4px  
4px 4px #91FA08; box-shadow:4px 4px 4px  
4px #91FA08 }
```

# Background

The CSS property to change the background color of an element to Hex 91FA08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91FA08 }
```

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

```
.background{ background-color:#91FA08 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor