

# Converting Colors

Hex(90F33F)

Have a look what the booklet for  
Hex(90F33F) contains.

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**Color**

**Hex(90F33F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90F33F
RGB	144, 243, 63
RGB Percent	56%, 95%, 25%
CMY	0.4353, 0.0471, 0.7529
CMYK	0.41, 0.00, 0.74, 0.05
HSL	93°, 88%, 60%
HSV	93°, 74%, 95%
XYZ	44.4494, 70.3894, 15.9464
YIQ	192.8790, -1.2240, -76.9680

# Conversions

## Conversions Part 2

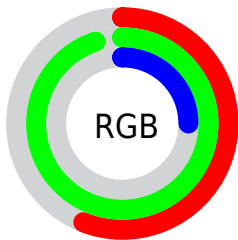
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 243, 162
Decimal	9499455
CIELab	87.19, -56.67, 72.49
CIELCh	87, 92.012, 128.019
Yxy	70.3894, 0.3399, 0.5382
Android (android.graphics.Color)	4287689535 (0xFF90F33F)
YUV	192.8790, -64.0303, -42.8669
Hunter-Lab	83.8984, -52.2528, 47.4597

# Details

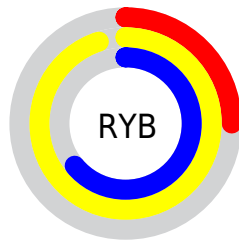
The Hex color **90F33F** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **A23FF3**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **CCFF7A**, and **53BA00** is the 20% darker color. If you saturate the color by 10%, you get **83F327**, and if you desaturate by 10%, it is **9DF357**.

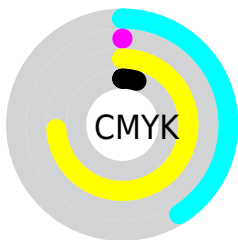
# Distribution



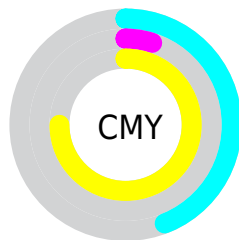
- Red (56%)
- Green (95%)
- Blue (25%)



- Red (25%)
- Yellow (95%)
- Blue (64%)



- Cyan (41%)
- Magenta (0%)
- Yellow (74%)
- Black (5%)



- Cyan (44%)
- Magenta (5%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90F33F 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 90F33F by changing the saturation by 10% instead.



 90F33F

 90F33F

FFFFFF

 72D61A

 CCFF7A

 53BA00

 EAFF97

 319E00

 FFFFB4

 008400

 FFFFD1

 006A00

 FFFFEE

 005000

 003800

 002100

 000000

 90F33F

 90F33F

 83F327

 9DF357

 75F30E

 ABF370

 6DF300

 B8F388

 C5F3A0

 D3F3B8

 E0F3D1

 EEF3E9

 FBF3FF

 FFF3FF

# Harmonies

## Analogous

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



EFDE00



90F33F



00FE95

# Triad

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



90F33F



00F5FF



FF7FC7

# Complementary

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



90F33F



A23FF3

# 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.



FF90FF



90F33F



00DDFF

# Square

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



90F33F



00FFFF



FAB8FF



FF9773

# Rectangle

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



90F33F



00FFD2



FAB8FF



FF80E4

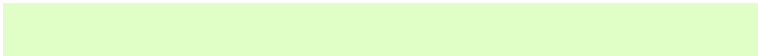


# Sweetspot

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



90F33F



E0FFC7



F3A23F



6D805E



000000



808080



# Same Dimension

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



90F33F



82FF1C



3FF348



747A6E



54BA00



1A3B00



# Inverse Universe

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



A23FF3



991CFF



F33FEA



756E7A



6600BA

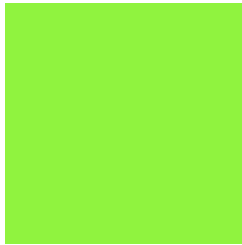


20003B



# Previews

## White Background



This preview shows how the Hex color 90F33F looks on a white background.

## Color Contrast Check

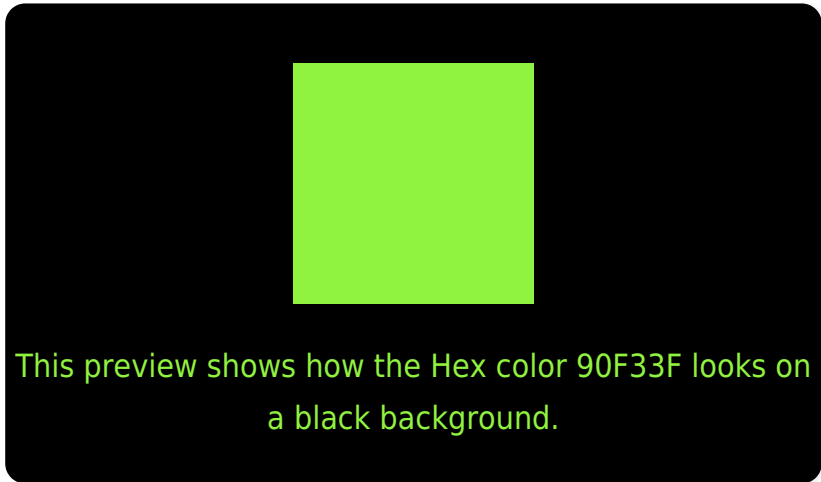
Large Text (above 18pt) WCAG AA × Fail

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 90F33F Background



This preview shows how black text looks on a background with the Hex color 90F33F.

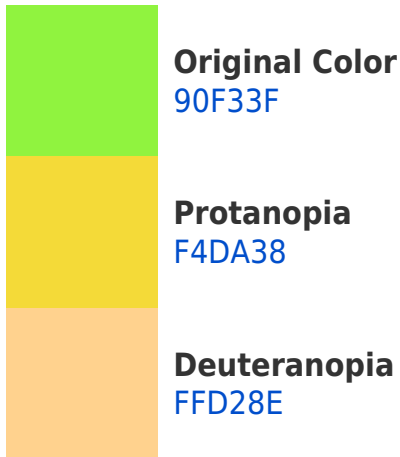


This preview shows how white text looks on a background with the Hex color 90F33F.

# 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](#).

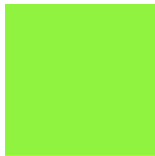
## Dichromacy





**Tritanopia**  
ABE3F5

# Trichromacy



**Original Color**  
90F33F



**Protanomaly**  
D0E33B



**Deuteranomaly**  
D7DE71

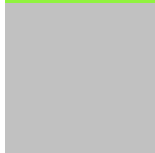


**Tritanomaly**  
A1E9B3

# Monochromacy



**Original Color**  
90F33F



**Achromatopsia**  
C1C1C1



**Achromatomaly**  
AFD392

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90F33F 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 #90F33F looks like.

```
.text, #text, p{  
    color:#90F33F  
}
```

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 #90F33F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90F33F
}
```

## Border

The CSS property to change the border of an element to Hex 90F33F 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
#90F33F }
```

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

```
.border{ border-color:#90F33F }
```

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

Here you see how a box with a 4 pixel #90F33F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90F33F; -webkit-box-shadow:4px 4px  
4px 4px #90F33F; box-shadow:4px 4px 4px  
4px #90F33F }
```

# Background

The CSS property to change the background color of an element to Hex 90F33F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90F33F }
```

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

```
.background{ background-color:#90F33F }
```

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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