

# Converting Colors

Hex(93F655)

Have a look what the booklet for  
Hex(93F655) contains.

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**Color**

**Hex(93F655)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	93F655
RGB	147, 246, 85
RGB Percent	58%, 96%, 33%
CMY	0.4235, 0.0353, 0.6667
CMYK	0.40, 0.00, 0.65, 0.04
HSL	97°, 90%, 65%
HSV	97°, 65%, 96%
XYZ	46.6281, 72.7705, 20.1829
YIQ	198.0450, -7.3230, -71.0590

# Conversions

## Conversions Part 2

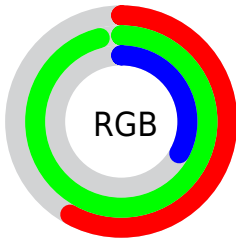
Format	Color
<a href="#">RYB</a>	<a href="#">85, 246, 184</a>
Decimal	<a href="#">9696853</a>
CIELab	<a href="#">88.34, -55.39, 65.86</a>
CIElCh	<a href="#">88, 86.055, 130.066</a>
Yxy	<a href="#">72.7705, 0.3341, 0.5213</a>
Android (android.graphics.Color)	<a href="#">4287886933 (0xFF93F655)</a>
YUV	<a href="#">198.0450, -55.7312, -44.7665</a>
Hunter-Lab	<a href="#">85.3056, -51.7166, 45.6862</a>

# Details

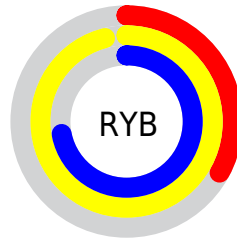
The Hex color **93F655** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **B855F6**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **CEFF8D**, and **57BD13** is the 20% darker color. If you saturate the color by 10%, you get **84F63C**, and if you desaturate by 10%, it is **A2F66E**.

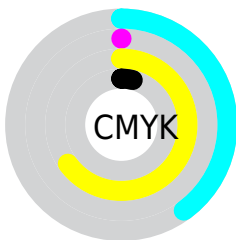
# Distribution



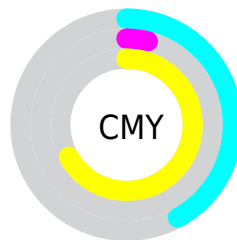
- Red (58%)
- Green (96%)
- Blue (33%)



- Red (33%)
- Yellow (96%)
- Blue (72%)



- Cyan (40%)
- Magenta (0%)
- Yellow (65%)
- Black (4%)



- Cyan (42%)
- Magenta (4%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93F655 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 93F655 by changing the saturation by 10% instead.



 93F655

 93F655

FFFFFF

 75D938

 CEFF8D

 57BD13

 ECFFA9

 37A100

 FFFFC6

 038600

 FFFF E3

 006C00

 005300

 003B00

 002400

 000000

 93F655

 93F655

 84F63C

 A2F66E

 75F624

 B1F686

 66F60B

 C0F69F

 5FF600

 D0F6B7

 DFF6D0

 EE6E9

 FDF6FF

 FFF6FF

# Harmonies

## Analogous

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



EDE31A



93F655



00FFA2

# Triad

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



93F655



00F6FF



FF8DC5

# Complementary

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



93F655



B855F6

# 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.



FF98FF



93F655



58DEFF

# Square

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



93F655



00FFFF



FFBBFF



FFA378

# Rectangle

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



93F655



00FFDB



FFBBFF



FF8DE1

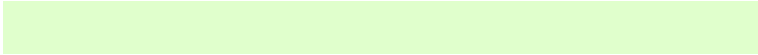


# Sweetspot

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



93F655



E0FFCC



F6B655



6D8061



000000



808080



# Same Dimension

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



93F655



83FF36



55F665



737A6E



48BA00



173B00



# Inverse Universe

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



B855F6



B136FF



F655E6



766E7A



7200BA

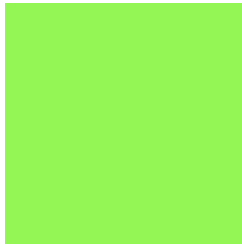


24003B



# Previews

## White Background



This preview shows how the Hex color 93F655 looks on a white background.

## Color Contrast Check

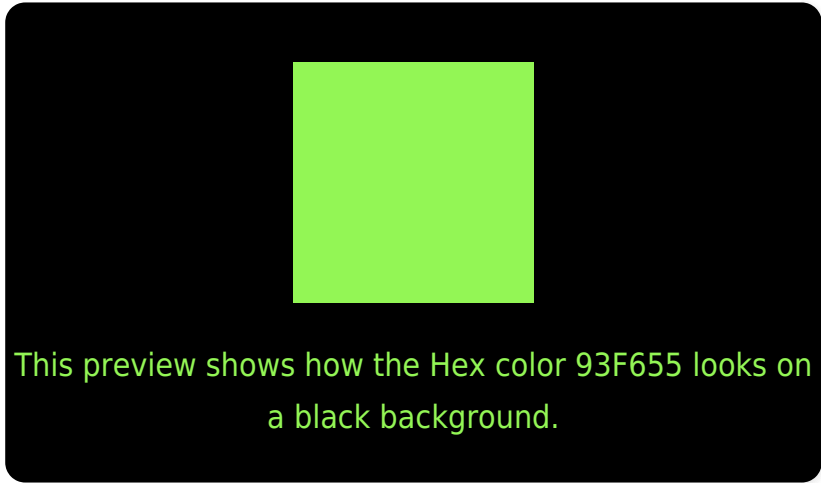
Large Text (above 18pt) WCAG AA × Fail

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 93F655 Background



This preview shows how black text looks on a background with the Hex color 93F655.

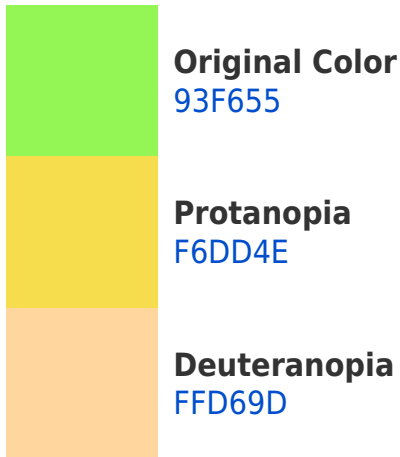


This preview shows how white text looks on a background with the Hex color 93F655.

# 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**  
ADE6F9

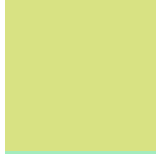
# Trichromacy



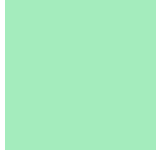
**Original Color**  
93F655



**Protanomaly**  
D2E651



**Deuteranomaly**  
D8E283

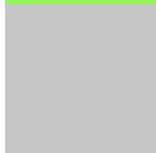


**Tritanomaly**  
A4ECBD

# Monochromacy



**Original Color**  
93F655



**Achromatopsia**  
C6C6C6



**Achromatomaly**  
B3D79D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93F655 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 #93F655 looks like.

```
.text, #text, p{  
    color:#93F655  
}
```

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 #93F655 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93F655
}
```

## Border

The CSS property to change the border of an element to Hex 93F655 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
#93F655 }
```

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

```
.border{ border-color:#93F655 }
```

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

Here you see how a box with a 4 pixel #93F655 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93F655; -webkit-box-shadow:4px 4px  
4px 4px #93F655; box-shadow:4px 4px 4px  
4px #93F655 }
```

# Background

The CSS property to change the background color of an element to Hex 93F655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93F655 }
```

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

```
.background{ background-color:#93F655 }
```

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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