

Converting Colors

Hex(93FE36)

Have a look what the booklet for
Hex(93FE36) contains.

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Color

Hex(93FE36)

Conversions

Conversions Part 1

Format	Color
Hex	93FE36
RGB	147, 254, 54
RGB Percent	58%, 100%, 21%
CMY	0.4235, 0.0039, 0.7882
CMYK	0.42, 0.00, 0.79, 0.00
HSL	92°, 99%, 60%
HSV	92°, 79%, 100%
XYZ	48.1403, 77.3530, 15.8834
YIQ	199.2070, 0.4280, -84.8840

Conversions

Conversions Part 2

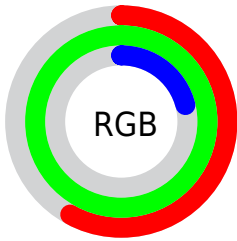
Format	Color
RYB	54, 254, 161
Decimal	9698870
CIELab	90.48, -60.42, 78.31
CIELCh	90, 98.911, 127.653
Yxy	77.3530, 0.3405, 0.5471
Android (android.graphics.Color)	4287888950 (0xFF93FE36)
YUV	199.2070, -71.5871, -45.7855
Hunter-Lab	87.9506, -56.2104, 50.8579

Details

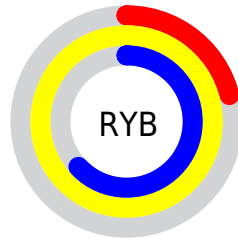
The Hex color **93FE36** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **A136FE**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **D0FF75**, and **55C400** is the 20% darker color. If you saturate the color by 10%, you get **85FE1D**, and if you desaturate by 10%, it is **A1FE4F**.

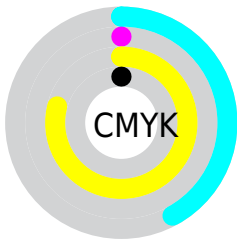
Distribution



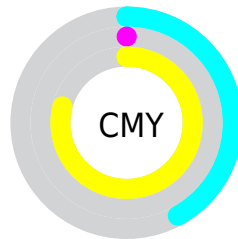
- Red (58%)
- Green (100%)
- Blue (21%)



- Red (21%)
- Yellow (100%)
- Blue (63%)



- Cyan (42%)
- Magenta (0%)
- Yellow (79%)
- Black (0%)



- Cyan (42%)
- Magenta (0%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93FE36 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 93FE36 by changing the saturation by 10% instead.

 93FE36

 93FE36

FFFFFF

 74E100


 D0FF75

 55C400

 EEFF92

 30A900

 FFFF9F

 008D00

 FFFFCD

 007300

 FFFF9A

 005900

 004000

 002900

 000300

 93FE36

 93FE36

 85FE1D

 A1FE4F

 78FE03

 AEFE69

 76FE00

 BCFE82

 C9FE9C

 D7FEB5

 E5FECE

 F2FEE8

FFFEFF

Harmonies

Analogous

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



FAE700



93FE36



00FF97

Triad

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



93FE36



00FFFF



FF7DD0

Complementary

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



93FE36



A136FE

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.



FF91FF



93FE36



00E7FF

Square

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



93FE36



00FFFF



FFBFFF



FF9975

Rectangle

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



93FE36



00FFD9



FFBFFF



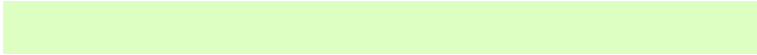
FF7EEF

Sweetspot

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



93FE36



DEFFC2



FEA136



6C805B



000000



808080

Same Dimension

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



93FE36



7FFF0F



36FE3D



798073



59BF00



1E4000

Inverse Universe

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



A136FE



900FFF



FE36F7



7A7380



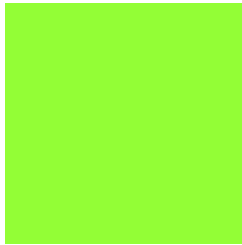
6600BF



220040

Previews

White Background



This preview shows how the Hex color 93FE36 looks on a white background.

Color Contrast Check

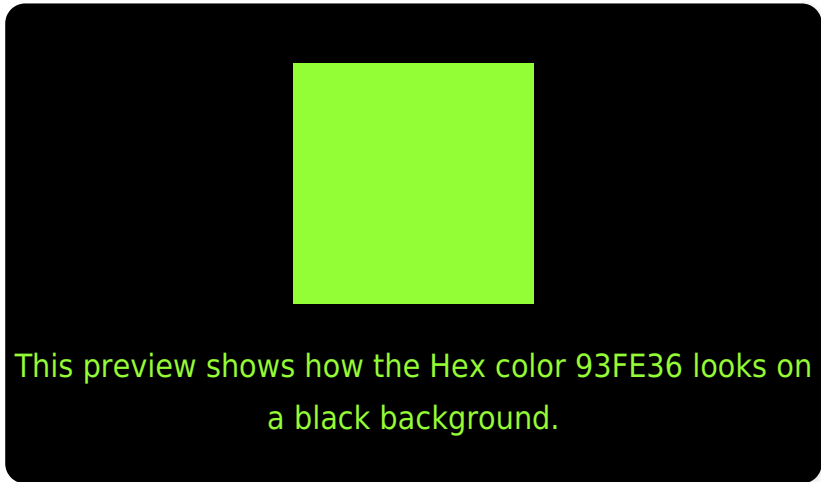
Large Text (above 18pt) WCAG AA × Fail

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

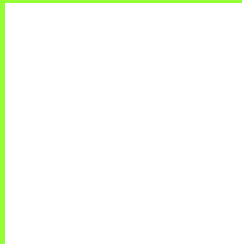
Any Text WCAG AAA ✓ Pass

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

Hex 93FE36 Background



This preview shows how black text looks on a background with the Hex color 93FE36.

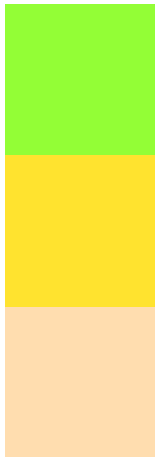


This preview shows how white text looks on a background with the Hex color 93FE36.

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](#).

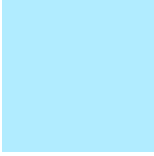
Dichromacy



Original Color
93FE36

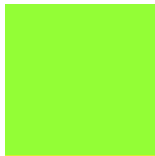
Protanopia
FFE32F

Deuteranopia
FFDDAF



Tritanopia
B1ECFF

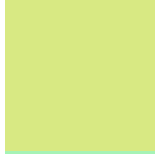
Trichromacy



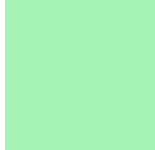
Original Color
93FE36



Protanomaly
D8ED32

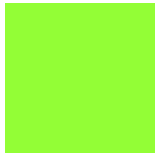


Deuteranomaly
D8E983

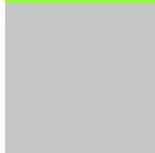


Tritanomaly
A6F3B6

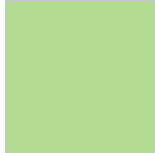
Monochromacy



Original Color
93FE36



Achromatopsia
C7C7C7



Achromatomaly
B4DB92

CSS Examples

Text

The CSS property to change the color of the text to Hex 93FE36 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 #93FE36 looks like.

```
.text, #text, p{  
    color:#93FE36  
}
```

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 #93FE36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93FE36
}
```

Border

The CSS property to change the border of an element to Hex 93FE36 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
#93FE36 }
```

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

```
.border{ border-color:#93FE36 }
```

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

Here you see how a box with a 4 pixel #93FE36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93FE36; -webkit-box-shadow:4px 4px  
4px 4px #93FE36; box-shadow:4px 4px 4px  
4px #93FE36 }
```

Background

The CSS property to change the background color of an element to Hex 93FE36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93FE36 }
```

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

```
.background{ background-color:#93FE36 }
```

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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