

Converting Colors

Hex(96EF43)

Have a look what the booklet for
Hex(96EF43) contains.

Hex(96EF43)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(96EF43)

Conversions

Conversions Part 1

Format	Color
Hex	96EF43
RGB	150, 239, 67
RGB Percent	59%, 94%, 26%
CMY	0.4118, 0.0627, 0.7373
CMYK	0.37, 0.00, 0.72, 0.06
HSL	91°, 84%, 60%
HSV	91°, 72%, 94%
XYZ	44.4573, 68.6223, 16.2125
YIQ	192.7810, 2.1680, -72.3600

Conversions

Conversions Part 2

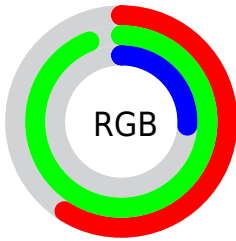
Format	Color
RYB	67, 239, 156
Decimal	9891651
CIELab	86.32, -52.90, 70.40
CIElCh	86, 88.060, 126.918
Yxy	68.6223, 0.3439, 0.5308
Android (android.graphics.Color)	4288081731 (0xFF96EF43)
YUV	192.7810, -62.0100, -37.5189
Hunter-Lab	82.8386, -49.1712, 46.3833

Details

The Hex color **96EF43** 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 **9C43EF**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **D1FF7D**, and **5BB600** is the 20% darker color. If you saturate the color by 10%, you get **8AEF2B**, and if you desaturate by 10%, it is **A2EF5B**.

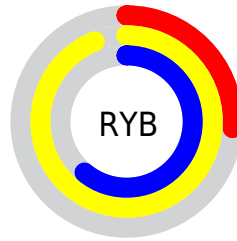
Distribution



Red (59%)

Green (94%)

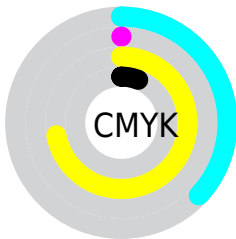
Blue (26%)



Red (26%)

Yellow (94%)

Blue (61%)

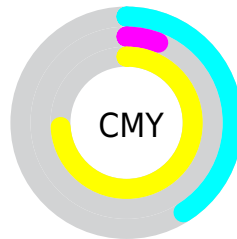


Cyan (37%)

Magenta (0%)

Yellow (72%)

Black (6%)



Cyan (41%)

Magenta (6%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96EF43 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 96EF43 by changing the saturation by 10% instead.

 96EF43

 96EF43

FFFFFF

 79D221

 D1FF7D

 5BB600

 EFFF99

 3B9B00

 FFFFB6

 118000

 FFFFD3

 006600

 FFFFF1

 004D00

 003600

 001E00

 000000

 96EF43

 96EF43

 8AEF2B

 A2EF5B

 7DEF13

 AFEF73

 73EF00

 BBEF8B

 C7EFA3

 D4EFBA

 E0EFD2

 EDEFEA

 F9EFFF

 FFEFFF

Harmonies

Analogous

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



EFDA00



96EF43



00FA93

Triad

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



96EF43



00F2FF



FF83C8

Complementary

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



96EF43



9C43EF

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.



FF93FF



96EF43



00DCFF

Square

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



96EF43



00DFF



F3B9FF



FF9878

Rectangle

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



96EF43



00FECC



F3B9FF



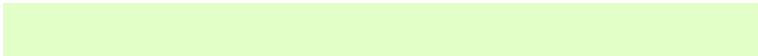
FF84E4

Sweetspot

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



96EF43



E2FFC7



EF9C43



6E805E



000000



808080

Same Dimension

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



96EF43



8EFF24



43EF46



72786C



59B800



1B3800

Inverse Universe

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



9C43EF



9524FF



EF43EC



726C78



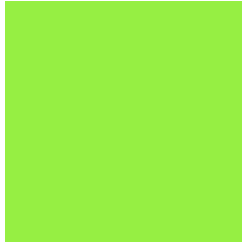
5F00B8



1D0038

Previews

White Background



This preview shows how the Hex color 96EF43 looks on a white background.

Color Contrast Check

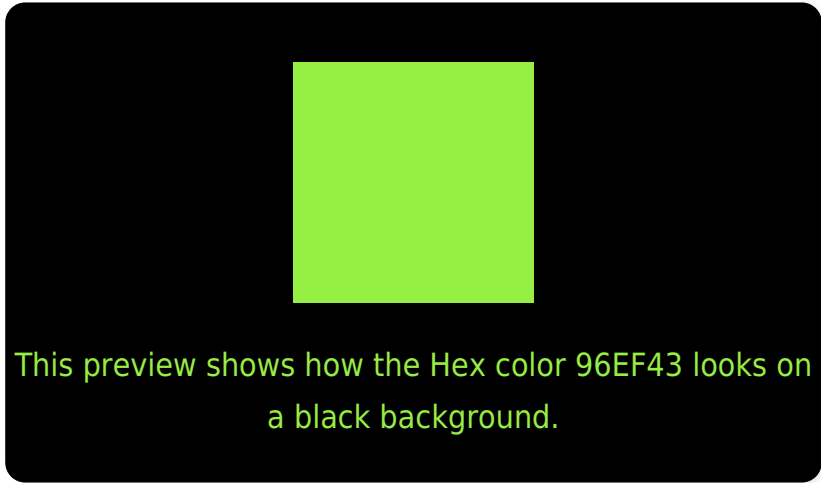
Large Text (above 18pt) WCAG AA × Fail

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

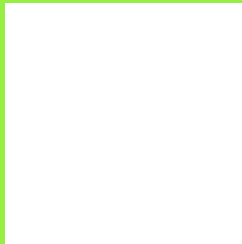
Any Text WCAG AAA ✓ Pass

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

Hex 96EF43 Background



This preview shows how black text looks on a background with the Hex color 96EF43.

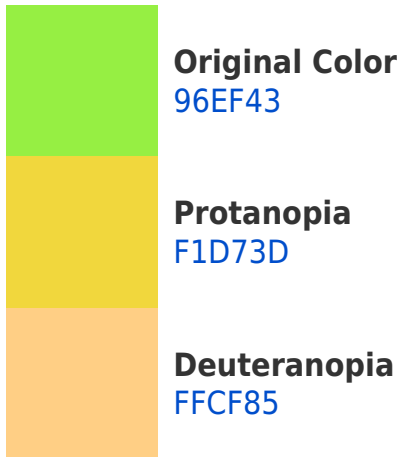


This preview shows how white text looks on a background with the Hex color 96EF43.

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](#).

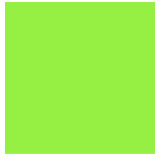
Dichromacy



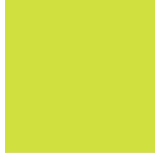


Tritanopia
AEDFF1

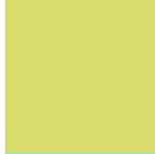
Trichromacy



Original Color
96EF43



Protanomaly
D0E03F



Deuteranomaly
D9DB6D

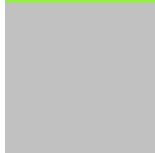


Tritanomaly
A5E5B2

Monochromacy



Original Color
96EF43



Achromatopsia
C1C1C1



Achromatomaly
B1D293

CSS Examples

Text

The CSS property to change the color of the text to Hex 96EF43 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 #96EF43 looks like.

```
.text, #text, p{  
    color:#96EF43  
}
```

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 #96EF43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96EF43
}
```

Border

The CSS property to change the border of an element to Hex 96EF43 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
#96EF43 }
```

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

```
.border{ border-color:#96EF43 }
```

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

Here you see how a box with a 4 pixel #96EF43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96EF43; -webkit-box-shadow:4px 4px  
4px 4px #96EF43; box-shadow:4px 4px 4px  
4px #96EF43 }
```

Background

The CSS property to change the background color of an element to Hex 96EF43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96EF43 }
```

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

```
.background{ background-color:#96EF43 }
```

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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