

Converting Colors

Hex(94ED1B)

Have a look what the booklet for
Hex(94ED1B) contains.

Hex(94ED1B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	18
<i>Color Blindness Simulation</i>	21
<i>CSS Examples</i>	24

Color

Hex(94ED1B)

Conversions

Conversions Part 1

Format	Color
Hex	94ED1B
RGB	148, 237, 27
RGB Percent	58%, 93%, 11%
CMY	0.4196, 0.0706, 0.8941
CMYK	0.38, 0.00, 0.89, 0.07
HSL	85°, 85%, 52%
HSV	85°, 89%, 93%
XYZ	42.6948, 66.9434, 11.7080
YIQ	186.4490, 14.3660, -84.1780

Conversions

Conversions Part 2

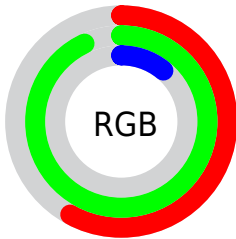
Format	Color
RYB	27, 237, 116
Decimal	9760027
CIELab	85.48, -54.47, 79.85
CIELCh	85, 96.660, 124.298
Yxy	66.9434, 0.3518, 0.5517
Android (android.graphics.Color)	4287950107 (0xFF94ED1B)
YUV	186.4490, -78.6084, -33.7198
Hunter-Lab	81.8189, -50.0383, 48.7891

Details

The Hex color **94ED1B** is a dark color, and the **websafe** version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **741BED**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **D0FF62**, and **57B400** is the 20% darker color. If you saturate the color by 10%, you get **8AED03**, and if you desaturate by 10%, it is **9EED33**.

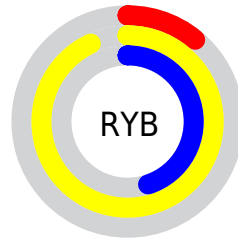
Distribution



Red (58%)

Green (93%)

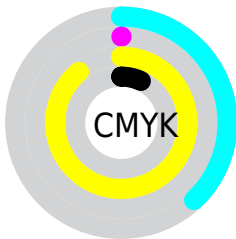
Blue (11%)



Red (11%)

Yellow (93%)

Blue (45%)

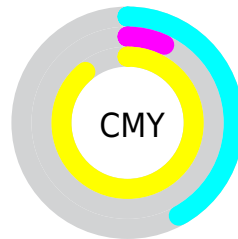


Cyan (38%)

Magenta (0%)

Yellow (89%)

Black (7%)



Cyan (42%)

Magenta (7%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94ED1B 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 94ED1B by changing the saturation by 10% instead.

 94ED1B

 B2FF43

 D0FF62

 EEFF80

 FFFF9D

 FFFFBB

 FFFF D8

 FFFFF6

 FFFFFF

 94ED1B

 76D000

 57B400

 369900

 047F00

 006500

 004C00

 003400

 001C00

 000000

 94ED1B

 8AED03

 89ED00

 94ED1B

 9EED33

 A8ED4A

 B2ED62

 BCED7A

 C6ED91

 D0EDA9

 DAEDC1

 E4EDD9

 EEEDF0

Harmonies

Analogous

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



F3D600



94ED1B



00FA81

Triad

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



94ED1B



00F4FF



FF70CC

Complementary

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



94ED1B



741BED

Split Complementary

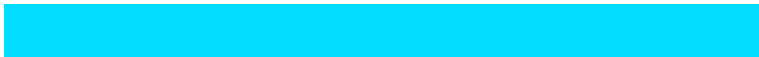
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF89FF



94ED1B



00DDFF

Square

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



94ED1B



00FEFF



E5B7FF



FF8874

Rectangle

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



94ED1B



00FEC1



E5B7FF



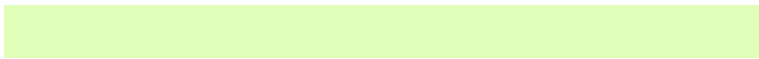
FF73EB

Sweetspot

The sweet spot groups the original color and five complimentary colors.



94ED1B



E2FFBA



ED721B



6E8057



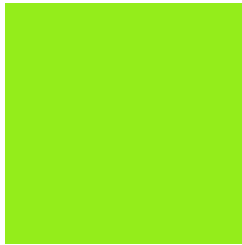
000000



808080

Previews

White Background



This preview shows how the Hex color 94ED1B looks on a white background.

Color Contrast Check

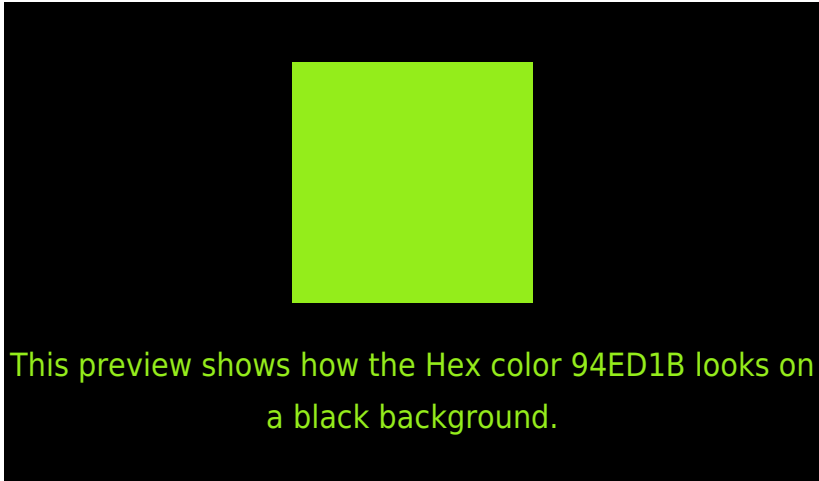
Large Text (above 18pt) WCAG AA × Fail

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 94ED1B Background



This preview shows how black text looks on a background with the Hex color 94ED1B.

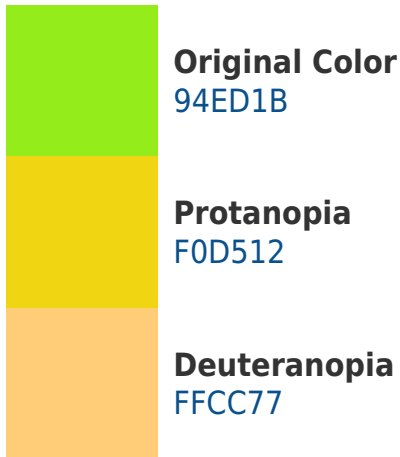


This preview shows how white text looks on a background with the Hex color 94ED1B.

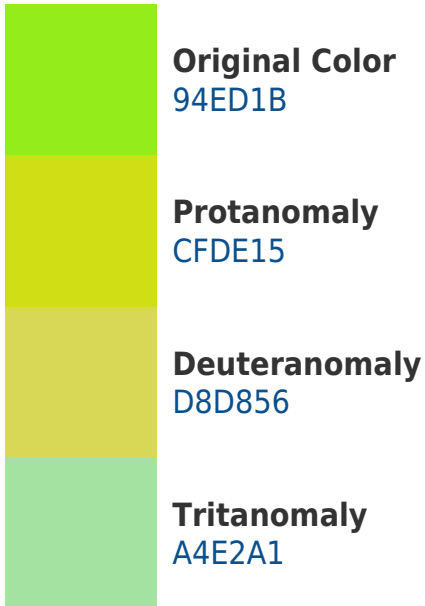
Color Blindness Simulation

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](#).

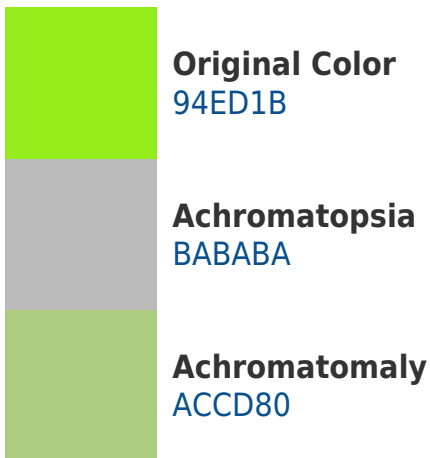
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94ED1B 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 #94ED1B looks like.

```
.text, #text, p{  
    color:#94ED1B  
}
```


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 #94ED1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94ED1B
}
```

Border

The CSS property to change the border of an element to Hex 94ED1B 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
#94ED1B }
```

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

```
.border{ border-color:#94ED1B }
```

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

Here you see how a box with a 4 pixel #94ED1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94ED1B; -webkit-box-shadow:4px 4px  
4px 4px #94ED1B; box-shadow:4px 4px 4px  
4px #94ED1B }
```

Background

The CSS property to change the background color of an element to Hex 94ED1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94ED1B }
```

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

```
.background{ background-color:#94ED1B }
```

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