

Converting Colors

Hex(94E21E)

Have a look what the booklet for
Hex(94E21E) contains.

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Color

Hex(94E21E)

Conversions

Conversions Part 1

Format	Color
Hex	94E21E
RGB	148, 226, 30
RGB Percent	58%, 89%, 12%
CMY	0.4196, 0.1137, 0.8824
CMYK	0.35, 0.00, 0.87, 0.11
HSL	84°, 77%, 50%
HSV	84°, 87%, 89%
XYZ	39.6434, 60.7823, 10.8710
YIQ	180.3340, 16.4280, -77.4920

Conversions

Conversions Part 2

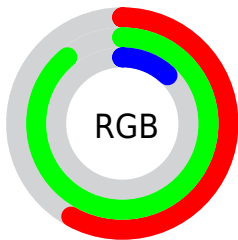
Format	Color
R_{YB}	30, 226, 108
Decimal	9757214
CIE _{Lab}	82.26, -49.96, 76.63
CIE _{LCh}	82, 91.483, 123.103
Yxy	60.7823, 0.3562, 0.5461
Android (android.graphics.Color)	4287947294 (0xFF94E21E)
YUV	180.3340, -74.1147, -28.3569
Hunter-Lab	77.9630, -45.6698, 46.3068

Details

The Hex color **94E21E** is a dark color, and the websafe version is hex **66CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **6C1EE2**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **CFFF62**, and **59AA00** is the 20% darker color. If you saturate the color by 10%, you get **8BE207**, and if you desaturate by 10%, it is **9DE235**.

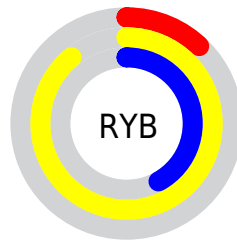
Distribution



Red (58%)

Green (89%)

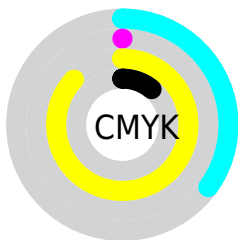
Blue (12%)



Red (12%)

Yellow (89%)

Blue (42%)

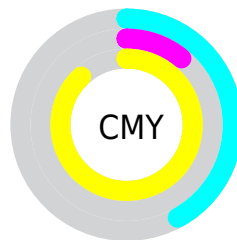


Cyan (35%)

Magenta (0%)

Yellow (87%)

Black (11%)



Cyan (42%)

Magenta (11%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94E21E 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 94E21E by changing the saturation by 10% instead.

 94E21E

 94E21E

FFFFFF

 77C600

 CFFF62

 59AA00

 EEEF7F

 398F00

 FFFF9C

 127500

 FFFFB9

 005C00

 FFFFD7

 004300

 FFFFF4

 002D00

 000F00

 000000

 94E21E

 94E21E

 8BE207

 9DE235

 88E200

 A6E24B

 AFE262

 B8E278

 C1E28F

 CAE2A6

 D3E2BC

 DCE2D3

 E5E2E9

Harmonies

Analogous

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



ECCC00



94E21E



00EE7A

Triad

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



94E21E



00E9FF



FF6FC7

Complementary

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



94E21E



6C1EE2

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.



FF87FF



94E21E



00D4FF

Square

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



94E21E



00F3FF



D6B1FF



FF8374

Rectangle

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



94E21E



00F2B5



D6B1FF



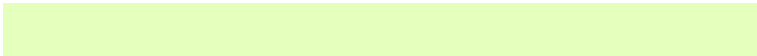
FF73E4

Sweetspot

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



94E21E



E5FFBD



E2691E



708058



000000



808080

Same Dimension

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



94E21E



9AFF00



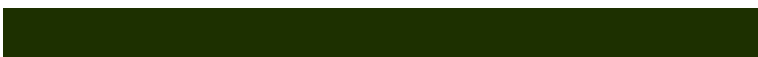
35E21E



6C7065



6AB000



1D3000

Inverse Universe

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



6C1EE2



6500FF



CB1EE2



696570



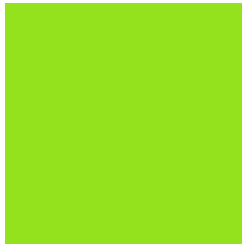
4600B0



130030

Previews

White Background



This preview shows how the Hex color 94E21E looks on a white background.

Color Contrast Check

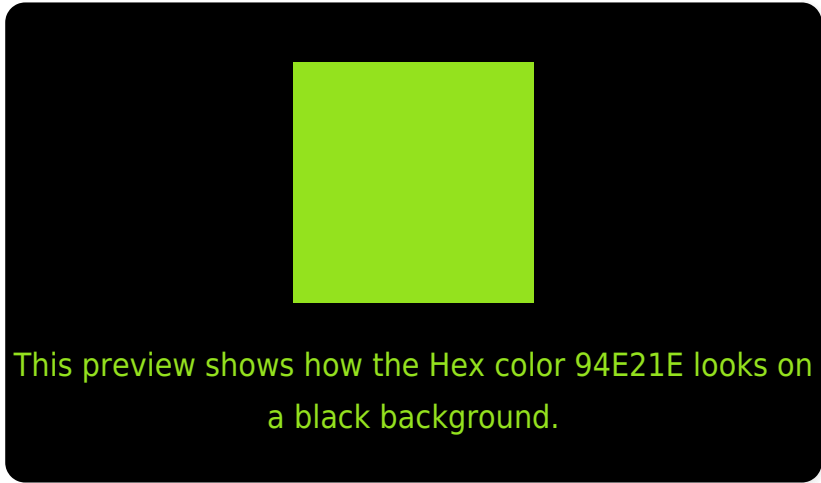
Large Text (above 18pt) WCAG AA × Fail

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 94E21E Background



This preview shows how black text looks on a background with the Hex color 94E21E.

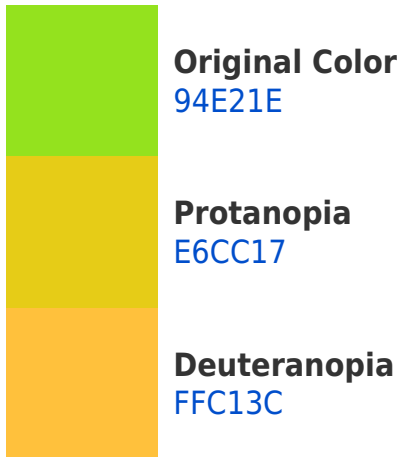


This preview shows how white text looks on a background with the Hex color 94E21E.

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](#).

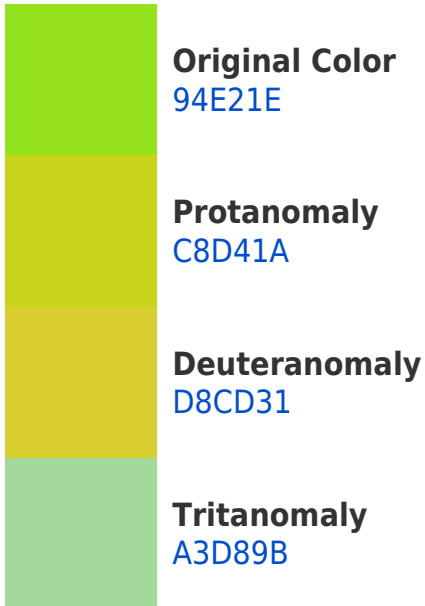
Dichromacy



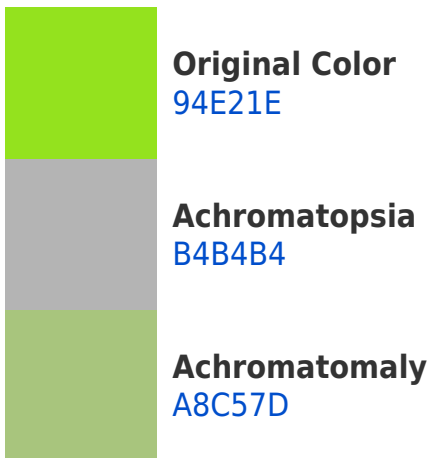


Tritanopia
ABD2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94E21E 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 #94E21E looks like.

```
.text, #text, p{  
    color:#94E21E  
}
```

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 #94E21E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94E21E
}
```

Border

The CSS property to change the border of an element to Hex 94E21E 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
#94E21E }
```

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

```
.border{ border-color:#94E21E }
```

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

Here you see how a box with a 4 pixel #94E21E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94E21E; -webkit-box-shadow:4px 4px  
4px 4px #94E21E; box-shadow:4px 4px 4px  
4px #94E21E }
```

Background

The CSS property to change the background color of an element to Hex 94E21E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94E21E }
```

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

```
.background{ background-color:#94E21E }
```

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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