

# Converting Colors

Hex(94CE0E)

Have a look what the booklet for  
Hex(94CE0E) contains.

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**Color**

**Hex(94CE0E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94CE0E
RGB	148, 206, 14
RGB Percent	58%, 81%, 5%
CMY	0.4196, 0.1922, 0.9451
CMYK	0.28, 0.00, 0.93, 0.19
HSL	78°, 87%, 43%
HSV	78°, 93%, 81%
XYZ	34.3633, 50.4702, 8.3461
YIQ	166.7700, 27.0640, -72.0080

# Conversions

## Conversions Part 2

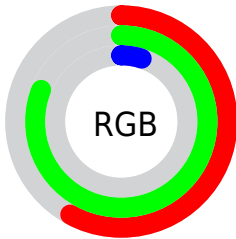
Format	Color
<b>RYB</b>	14, 206, 72
Decimal	9752078
CIELab	76.36, -41.89, 74.28
CIELCh	76, 85.278, 119.424
Yxy	50.4702, 0.3688, 0.5416
Android (android.graphics.Color)	4287942158 (0xFF94CE0E)
YUV	166.7700, -75.3156, -16.4613
Hunter-Lab	71.0424, -37.9835, 42.7643

# Details

The Hex color **94CE0E** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **480ECE**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **CFFF57**, and **5A9700** is the 20% darker color. If you saturate the color by 10%, you get **90CE00**, and if you desaturate by 10%, it is **9ACE23**.

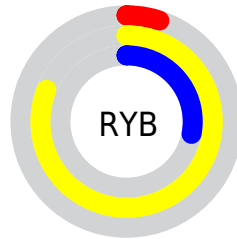
# Distribution



Red (58%)

Green (81%)

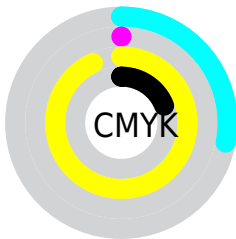
Blue (5%)



Red (5%)

Yellow (81%)

Blue (28%)

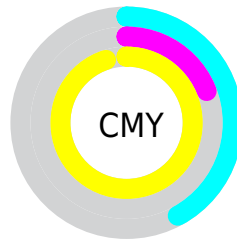


Cyan (28%)

Magenta (0%)

Yellow (93%)

Black (19%)



Cyan (42%)

Magenta (19%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94CE0E 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 94CE0E by changing the saturation by 10% instead.



 94CE0E

 94CE0E

FFFFFF

 77B200

 CFFF57

 5A9700

 ECFF75

 3D7D00

 FFFF91

 1C6400

 FFFFAE

 004B00

 FFFFCB

 003400

 FFFF E9

 001E00

 000000

 94CE0E

 94CE0E

 90CE00

 9ACE23

 A0CE37

 A7CE4C

 ADCE60

 B3CE75

 B9CE8A

 C0CE9E

 C6CEB3

 CCCEC7

# Harmonies

## Analogous

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



E2B800



94CE0E



00DA67

# Triad

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



94CE0E



00D8FF



FF68C1

# Complementary

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



94CE0E



480ECE

# 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.



FF82FF



94CE0E



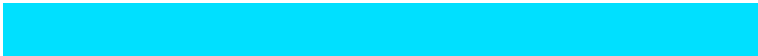
00C6FF

# Square

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



94CE0E



00E0FF



B4A8FF



FF7574

# Rectangle

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



94CE0E



00DF9D



B4A8FF



FF6DDC



# Sweetspot

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



94CE0E



E9FFB8



CE480E



728054



000000



808080



# Same Dimension

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



94CE0E



B2FF00



34CE0E



63665C



74A600



1B2600



# Inverse Universe

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



480ECE



4D00FF



A80ECE



5F5C66



3200A6



0C0026



# Previews

## White Background



This preview shows how the Hex color 94CE0E looks on a white background.

## Color Contrast Check

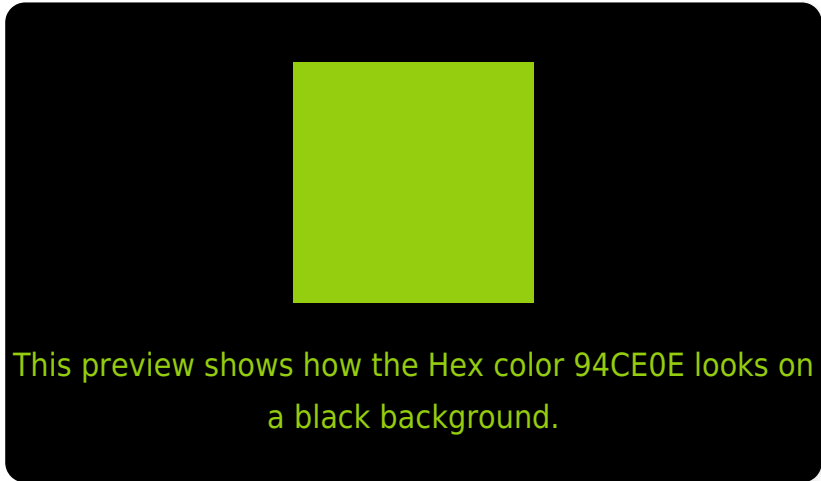
Large Text (above 18pt) WCAG AA × Fail

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 94CE0E Background



This preview shows how black text looks on a background with the Hex color 94CE0E.

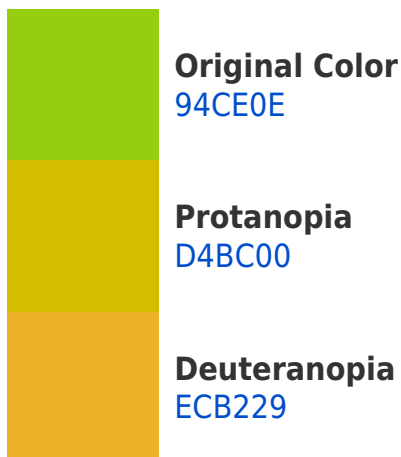


This preview shows how white text looks on a background with the Hex color 94CE0E.

# 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](#).

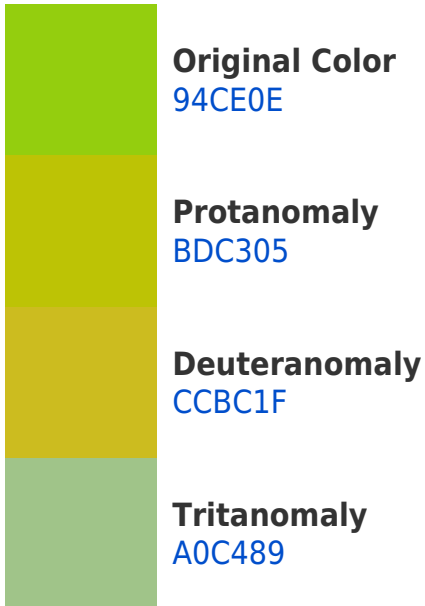
## Dichromacy



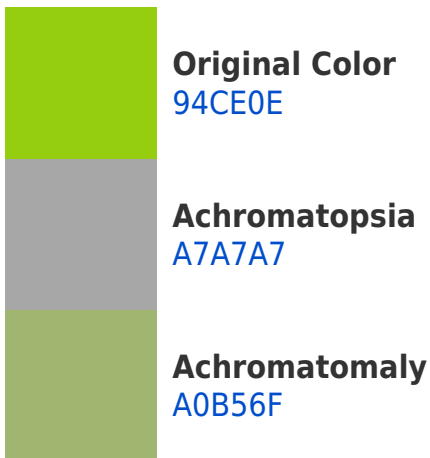


**Tritanopia**  
A7BFCF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94CE0E 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 #94CE0E looks like.

```
.text, #text, p{  
    color:#94CE0E  
}
```

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 #94CE0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94CE0E
}
```

## Border

The CSS property to change the border of an element to Hex 94CE0E 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
#94CE0E }
```

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

```
.border{ border-color:#94CE0E }
```

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

Here you see how a box with a 4 pixel #94CE0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94CE0E; -webkit-box-shadow:4px 4px  
4px 4px #94CE0E; box-shadow:4px 4px 4px  
4px #94CE0E }
```

# Background

The CSS property to change the background color of an element to Hex 94CE0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94CE0E }
```

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

```
.background{ background-color:#94CE0E }
```

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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