

# Converting Colors

Hex(9EC21E)

Have a look what the booklet for  
Hex(9EC21E) contains.

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**Color**

**Hex(9EC21E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EC21E
RGB	158, 194, 30
RGB Percent	62%, 76%, 12%
CMY	0.3804, 0.2392, 0.8824
CMYK	0.19, 0.00, 0.85, 0.24
HSL	73°, 73%, 44%
HSV	73°, 85%, 76%
XYZ	33.6267, 45.9464, 8.3245
YIQ	164.5400, 31.1880, -58.6360

# Conversions

## Conversions Part 2

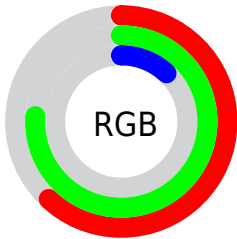
Format	Color
<a href="#">RYB</a>	<a href="#">30, 194, 66</a>
Decimal	<a href="#">10404382</a>
CIELab	<a href="#">73.51, -32.19, 69.44</a>
CIELCh	<a href="#">74, 76.542, 114.869</a>
Yxy	<a href="#">45.9464, 0.3826, 0.5227</a>
Android (android.graphics.Color)	<a href="#">4288594462 (0xFF9EC21E)</a>
YUV	<a href="#">164.5400, -66.3282, -5.7356</a>
Hunter-Lab	<a href="#">67.7838, -30.0700, 40.1672</a>

# Details

The Hex color **9EC21E** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **421EC2**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **D8FB5D**, and **668C00** is the 20% darker color. If you saturate the color by 10%, you get **9AC20B**, and if you desaturate by 10%, it is **A2C231**.

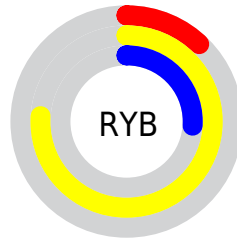
# Distribution



Red (62%)

Green (76%)

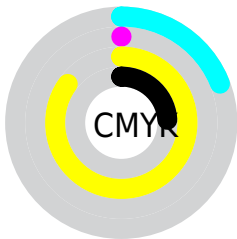
Blue (12%)



Red (12%)

Yellow (76%)

Blue (26%)

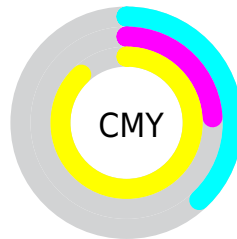


Cyan (19%)

Magenta (0%)

Yellow (85%)

Black (24%)



Cyan (38%)

Magenta (24%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EC21E 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 9EC21E by changing the saturation by 10% instead.





9EC21E



9EC21E

FFFFFF



82A700



D8FB5D



668C00



F6FF79



4A7300



FFFF95



2E5A00



FFFFB2



0D4200



FFFFCF



002C00



FFF FEC



001500



000000



9EC21E



9EC21E

■ 9AC20B

■ A2C231

■ 97C200

■ A7C245

■ ABC258

■ AFC26C

■ B3C27F

■ B8C292

■ BCC2A6

■ C0C2B9

■ C4C2CD

# Harmonies

## Analogous

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



E1AD01



9EC21E



34CF5F

# Triad

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



9EC21E



00CFFF



FF6FC4

# Complementary

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



9EC21E



421EC2

# 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.



FD87FF



9EC21E



00C0FF

# Square

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



9EC21E



00D5EE



9CA7FF



FF757E

# Rectangle

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



9EC21E



00D38D



9CA7FF



FF74DB

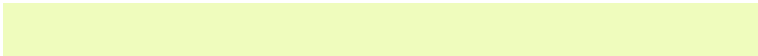


# Sweetspot

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



9EC21E



EFFCBD



C2421E



778059



000000



808080



# Same Dimension

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



9EC21E



C5FC00



4CC21E



5F6157



7DA100



1A2100



# Inverse Universe

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



421EC2



3700FC



941EC2



595761



2300A1



070021



# Previews

## White Background



This preview shows how the Hex color 9EC21E looks on a white background.

## Color Contrast Check

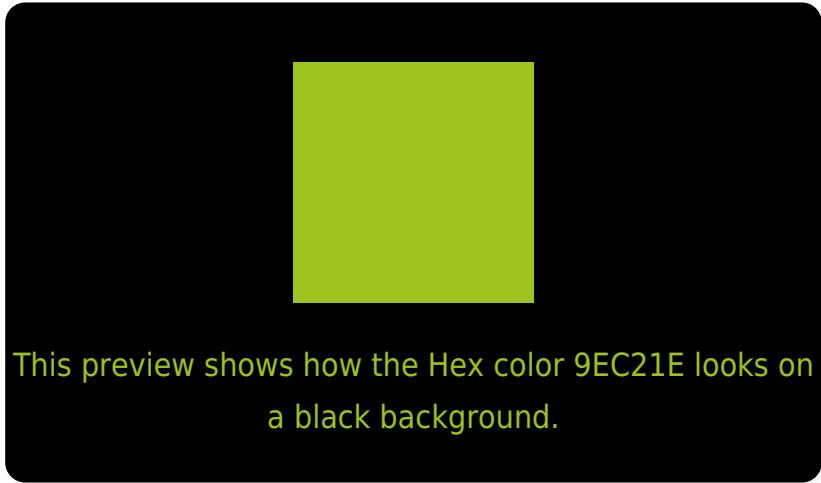
Large Text (above 18pt) WCAG AA × Fail

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 9EC21E Background



This preview shows how black text looks on a background with the Hex color 9EC21E.



This preview shows how white text looks on a background with the Hex color 9EC21E.

# 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



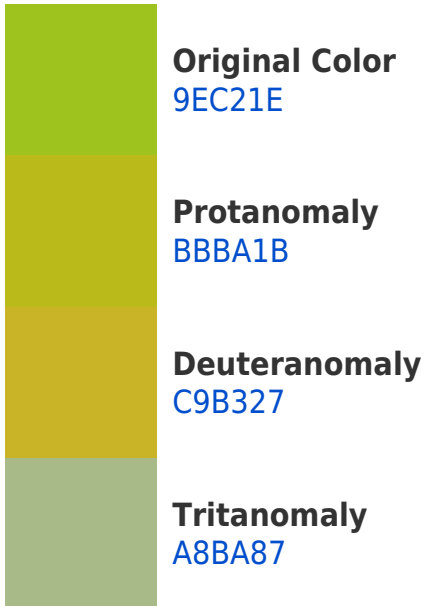
**Original Color**  
9EC21E

**Protanopia**  
CBB51A

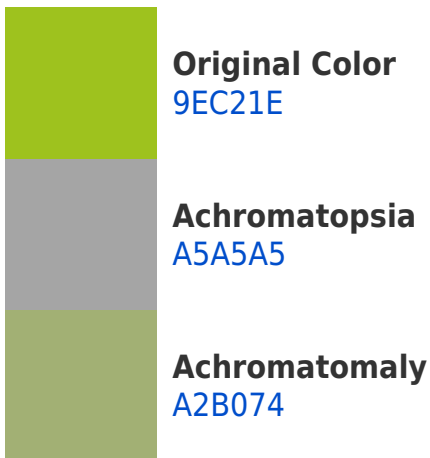
**Deuteranopia**  
E2AB2C



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EC21E 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 #9EC21E looks like.

```
.text, #text, p{
  color:#9EC21E
}
```

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 #9EC21E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EC21E
}
```

## Border

The CSS property to change the border of an element to Hex 9EC21E 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
#9EC21E }
```

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

```
.border{ border-color:#9EC21E }
```

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

Here you see how a box with a 4 pixel #9EC21E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EC21E; -webkit-box-shadow:4px 4px  
4px 4px #9EC21E; box-shadow:4px 4px 4px  
4px #9EC21E }
```

# Background

The CSS property to change the background color of an element to Hex 9EC21E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EC21E }
```

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

```
.background{ background-color:#9EC21E }
```

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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